T Square Club Philadelphia

Catalogue of the Architectural Exhibition

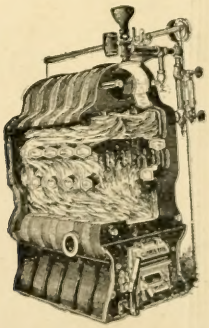
PRESENTED TO
THE LIBRARY
OF THE
SCHOOL OF ARCHITECTURE
UNIVERSITY OF TORONTO
BY
JOHN A. PEARSON
D. Arch., F.R.I.B.A., F.R.A.I.C., R.C.A.
1936

Ther

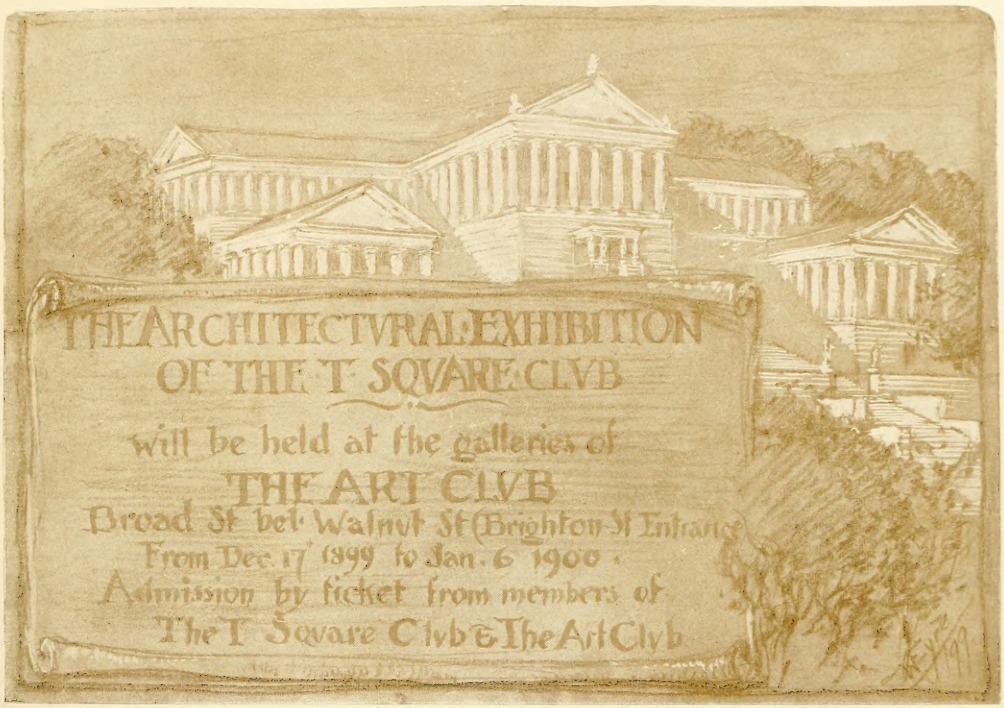
pany

622 Arch Street, Philadelphia

Chicago
New York
Boston
St. Louis
Buffalo
Minneapolis
Denver
London



PROPERTY OF
JULES F. WEGMAN,
ARCHITECT.


THE ARCHITECTURAL EXHIBITION
OF THE T SQUARE CLUB
will be held at the galleries of
THE ART CLUB
Broad St bet Walnut St (Brighton St Entrance)
From Dec. 17 1899 to Jan. 6 1900.
Admission by ticket from members of
The T Square Club & The Art Club

The Director and Editor, voicing the sentiment of the T Square Club, wishes to express here his appreciation of the invaluable aid received from the Architects, both of America and Europe, who, by their many courtesies and generous support have assured the success of the Exhibition and of the Catalogue.

The T Square Club wishes to extend its thanks to the Advertisers in this Catalogue who through their hearty co-operation have thus made its publication possible.

ech

CATALOGUE OF THE ANNUAL ARCHITECTURAL EXHIBITION

1899-1900

EDITED BY

DAVID KNICKERBACKER BOYD

T Square Club

PHILADELPHIA

1899

LIBRARY
738053
UNIVERSITY OF TORONTO

THE OFFICERS

OF THE

T SQUARE CLUB

1899-1900

President

ADIN BENEDICT LACEY
1020 Chestnut Street

Vice-President

PROF. WARREN P. LAIRD
University of Pennsylvania

Secretary

ARTHUR S. BROOKE
931 Chestnut Street

Treasurer

HORACE H. BURRELL
1204 Chancellor Street

Executive Committee

ADIN BENEDICT LACEY, Chairman

PROF. WARREN P. LAIRD
EDGAR V. SEELER
DAVID KNICKERBACKER BOYD
LOUIS C. HICKMAN
HORACE H. BURRELL
ARTHUR S. BROOKE, Secretary

House Committee

NICOLA D'ASCENZO, Chairman
1020 Chestnut Street

LAWRENCE V. BOYD
HERMAN L. DUHRING

Library Committee

JOHN J. BISSEGGER, Chairman
Real Estate Trust Co. Building

S. A. CLOUD
IRA E. HILL

Entertainment Committee

LLOYD TITUS, Chairman
Real Estate Trust Co. Building

SAMUEL R. DAVIS
THOMAS BISHOP

Regular Annual Exhibition
1899-1900
Gallery of the Art Club of Philadelphia

JURY OF SELECTION AND HANGING COMMITTEE

THE EXHIBITION COMMITTEE OF THE T SQUARE CLUB

ADIN BENEDICT LACEY, Ex-Officio, Chairman

PROF. WARREN P. LAIRD, Vice-Chairman

HORACE H. BURRELL, Treasurer

ARTHUR S. BROOKE, Secretary

DAVID KNICKERBACKER BOYD
Director and Editor

LOUIS C. HICKMAN

EDGAR V. SEELER

AND

JULIUS F. HARDER, New York

J. RANDOLPH COOLIDGE, Jr., Boston

JOHN T. COMES, President Pittsburgh Architectural Club—Circuit Delegate to the T Sq. C.

PAUL A. DAVIS, 3rd. Paris—Foreign Representative of the A. L. A.

ALBERT KELSEY, President Architectural League of America

Business Representative, JOHN C. BAKER

THE MEMBERS

OF THE

"T SQUARE CLUB"

HONORARY

Coates, Edward H.	Penna. Academy of the Fine Arts
Ely, Theodore N.	Broad Street Station
Miller, Leslie W.	The School of Industrial Arts

ACTIVE

Anderson, W. P.	Drexel Institute, Architectural Department
Ash, Percy,	1220 Spruce Street
Baily, William Lloyd	421 Chestnut Street
Bancroft, Francis Willard	Temple Court, 7 Beekman Street, New York
Bassett, Geo. G.	1707 Arch Street
Baum, Geo. Croll	630 N. Broad Street
Berger, C. P.	42 N. Eighth Street, Allentown, Pa.
Betts, Morris C.	506 Quincy Avenue, Scranton, Pa.
Betelle, James Oscar	1016 Adams Street, Wilmington, Del.
Bishop, A. C.	4136 Pennsgrove Street
Bishop, Thomas	4136 Pennsgrove Street
Bissegger. John J.	5278 Parkside Avenue
Bissell, E. Perot	The Pascoe, 313 S. Thirteenth Street
Blair, Walter D.	Paris, France
Blithe, Wesley Lesher	101 N. Thirty-fifth Street
Bodine, Frank Lee	3258 Chestnut Street
Borie, John J.	929 Clinton Street
Boyd, D. Knickerbacker	1010 Harrison Building
Boyd, L. Visscher	1215 Harrison Building
Boyden, Amos J.	413 Walnut Street
Boyer, Samuel Carpenter	913 Walnut Street
Brockie, Arthur Howell	West Walnut Lane, Germantown
Brooke, Arthur S.	931 Chestnut Street
Burrell, Horace H.	18 East Walnut Lane, Germantown
Caldwell, Francis G.	1205 Walnut Street
Calvert, Louis Lay	1603 Real Estate Trust Building
Cass, Alfred C.	927 Chestnut Street
Clement, M. B.	49 Van Buren Street, Brooklyn
Cloud, S. A.	320 Walnut Street
Cope, John S.	"Aubury," Germantown
Cope, Walter	320 Walnut Street
Cooper, Colin Campbell	1224 Chestnut Street
Cresson, W. P.	Paris, France
Cruess, Francis H.	32 N. Fifty-sixth Street, West Philadelphia

D'Ascenzo, Nicola	1020 Chestnut Street
Davis, Paul A., 3d	Paris, France
Davis, Samuel R.	3418 Race Street
Day, Frank Miles	925 Chestnut Street
Day, H. Kent	925 Chestnut Street
De Moll, Carl	731 Walnut Street
Duhring, Herman L.	Evergreen and Stenton Aves., Chestnut Hill
Dull, John J.	1205 Walnut Street
Edwards, Wm. Meyers	2019 N. Twenty-second Street
Evans, G. Gerald	614 Crozer Building
Eyre, Wilson, Jr.	929 Chestnut Street
Feustman, Maurice	Germany
Field, Richard L.	1414 South Penn Square
Fisher, Clarence S.	University of Pennsylvania
Frank, J. Horace	2116 Mt. Vernon Street
Furber, William Copeland	504 Philadelphia Bank Building
Geils, August E.	Bradley & Hubbard Mfg. Co., Meriden, Conn.
Gilbert, Edwin	Crozer Building
Githens, Alfred Morton	1512 Pine Street
Gray, William F.	Central High School
Harris, Clinton G.	School Lane, Germantown
Harris, J. R., Jr.	Art Club
Hastings, Mitchell	1726 Spruce Street
Hauer, H. F.	3110 Columbia Avenue
Hawley, E. H.	Harrison Building, care of G. B. Page
Hays, Frank Allison	931 Chestnut Street
Hays, William Charles	320 Walnut Street
Heath, Robert C.	119 S. Fourth Street
Hendrickson, Edward E.	925 Chestnut Street
Hickman, Louis C.	Brown Brothers' Building
Hill, I. Edgar	1510 Real Estate Trust Building
Hillman, C. L.	400 Chestnut Street
Hindermeyer, G. L.	925 Chestnut Street
Hokanson, Oscar Mons.	931 Chestnut Street
Hoover, Ira Wilson	School of Architecture, University of Penna.
Hopkins, Prescott A.	Drexel Institute
Jamieson, James P.	320 Walnut Street
Keisker, Frank H.	322 Winona Avenue
Kellogg, Thomas M.	1024 Walnut Street
Kelsey, Albert	931 Chestnut Street
Kennedy, James N.	1619 Filbert Street
Kennedy, R. G.	931 Chestnut Street
Kent, Edward C.	1008 St. Bernard Place
Ketterer, G.	1417 Chestnut Street
King, Guy	431 Walnut Street
Kirk, Chester Hewes	1301 Stephen Girard Building
Klauder, Charles Z.	121 N. Eighteenth Street
Lacey, Adin B.	1020 Chestnut Street
Ladd, Westray	611 Franklin Building
Laird, Prof. Warren P.	University of Pennsylvania
Lea, Charles R.	414 Hale Building
Leisenring, L. Morris	3332 Walnut Street, or Lutherville, Md.

Magaziner, Louis	School of Architecture, University of Penna.
Mann, Frederick M.	328 Chestnut Street
Medary, M. B., Jr,	1414 S. Penn Square
Miles, Joseph Starne	1010 Harrison Building
Millard, Julian	Phœnix, Arizona
Miller, William Franklin	1215 Harrison Building
Molitor, John	320 Walnut Street
Morgan, J. G.	3621 N. Fifteenth Street
Morris, George Spencer	904 Stephen Girard Building
Neff, Conrad F.	1220 Oxford Street
Nicholson, A. L.	32 Commerce Street, Rahway, N. J.
Oelschlager, Chas. E.	Harrison Building
Onyx, Herbert P.	1107 N. Forty-first Street
Osborne, C. Francis	4045 Sansom Street
Page, George Bispham	1117 Harrison Building
Parry, J. Chas.	Builders' Exchange, 18 S. Seventh Street
Pearson, Joseph T.	927 Chestnut Street
Perkins, Frank Edson	University of Pennsylvania
Perot, Robson Lea	619 Philadelphia Bourse
Pilcher, Louis F.	University of Pennsylvania
Potter, Wm. Woodburn	1913 Spruce Street
Powers, E. S.	320 Walnut Street
Price, Walter	731 Walnut Street
Price, Wm. L.	731 Walnut Street
Provost, C. O.	2237 Camac Street
Rankin, John Hall	1024 Walnut Street
Reed, Frederick N.	52 Kilby Street, Boston, Mass.
Rehfuss, George U.	1012 Harrison Building
Reid, William L.	1205 Walnut Street
Reinhold, Harry L., Jr.	430 Walnut Street
Ring, Jonathan	421 Chestnut Street
Roberts, Spencer	1012 Harrison Building
Rogers, Laussat Richter	931 Chestnut Street
Rommel, F. A.	1904 Spring Garden Street
Ruhe, Wallace E.	1510 Real Estate Trust Building
Savage, George E.	1007 Witherspoon Building
Sauer, Andrew J.	860 N. Twelfth Street
Scheetz, William Cramp	1115 Stephen Girard Building
Schermerhorn, Clarence E.	824 N. Broad Street
Schwacke, J. S.	1024 Walnut Street
Seeburger, Frank	2516 N. Seventeenth Street
Seeler, Edgar V.	Real Estate Trust Building
Stearns, George R.	1105 6 Stephen Girard Building
Stewardson, Emlen	320 Walnut Street
Shirk, J. C. M.	421 Chestnut Street
Simon, Edward P.	Drexel Institute, Architectural Department
Siegel, P. Raymond	33 E. Seventeenth Street, New York City
Simmons, E. L.	427 Walnut Street
Sinkler, John P. B.	1606 Walnut Street
Smedley, Walter	904 Stephen Girard Building
Smith, Oscar L.	5025 Willows Avenue
Stuckert, F. Russell	49 N. Thirteenth Street
Supplee, William F.	1417 Chestnut Street
Swales, Francis S.	80 Griswold Street, Detroit, Mich.
Swindells, Edward James	925 Chestnut Street

Thomas, Walter H.	1510 Real Estate Trust Building
Temple, T. B.	320 Walnut Street
Titus, Lloyd	925 Chestnut Street
Trout, Wetherill P.	320 Walnut Street
Truscott, Arthur	Drexel Institute, Architectural Department
Valentine, Anthony P., Jr.	1424 Ritner Street
Waymough, Richard L.	1510 Real Estate Trust Co.
Wenderoth, Oscar	U. S. Mint, Spring Garden Street
Wightman, E. A.	431 Walnut Street
Wise, Herbert C.	3324 N. Sydenham Street
Willauer, Arthur E.	33 E. Seventeenth Street, New York City
Windrim, John T.	1107 Walnut Street
Woodman, H. G.	2126 Spruce Street

ASSOCIATE

Boyle, John J.	Marble Court, Walnut Street
Moore, Thomas Guernsey	5927 Wayne Avenue, Germantown
Plasscharet, Prof.	4195 Leidy Avenue
Wager-Smith, E.	1024 Ridge Avenue

1899-1900

IN presenting this, the Catalogue of the Exhibition of 1899–1900, the T Square Club wishes to express its appreciation of the interest and consideration with which the Catalogue of last year was received, not only by the profession and the technical journals, but by the public at large; also its appreciation of the numerous reviews, published both here and abroad, giving the Club the advantage of extended and diverse criticism.

The central idea of the last catalogue was an inquiry into the possibilities of an unaffected school of modern architecture in America. A suggestion towards a solution of one of the many phases of this problem has been embodied in the present programme of the competitions in design to be worked out practically by the members of the T Square Club.

This year, in view of the fact that a more durable binding has been selected for the Catalogue, the Club has imposed upon itself the added responsibility of a more careful choice of subjects and their presentation in compact form. It is hoped thus to make these Annual Catalogues more acceptable as a permanent addition to the library and to still further increase their influence as manuals of the best modern Architecture.

In the present Catalogue as much emphasis as possible has been given to problems of every-day practical value, selected for originality of thought and expression rather than for size, importance or rendering. The Suburban House, The City Front, Elevations with plans, Working Drawings, Detail and measured drawings and photographs of executed work are given the preference over sketches and general drawings, which are often, by reason of indefiniteness or too great reduction from the original, of no real value for the purposes of study and comparison.

An international character has been secured to the exhibition by the efforts of the representatives of the Club, Mr. Paul A. Davis, 3rd. and Mr. Wm. P. Cresson, who have been successful in obtaining drawings from leading architects in England and France, and to whom the T Square Club expresses its indebtedness.

This Exhibition is the first of the circuit of exhibitions arranged by the Architectural League of America in which a drawing will pass from one city to another without requiring further directions from the Exhibitor.

To suit the arrangement of dates adopted for the Circuit, the Exhibition will be held at the Art Club and not in conjunction with the regular exhibition at the Pennsylvania Academy of the Fine Arts, as heretofore. The T Square Club extends its unreserved thanks to the Directors and Exhibition Committee of the Art Club for their courtsey and for the use of the Gallery both day and evening.

The opportunity to view the Exhibition at night is an especial source of gratification, as the drawings can thus be adequately studied by the office draughtsman, who cannot find sufficient time during the day, and makes it possible for the Exhibition therefore to accomplish more fully its purpose as an educational institution.

The Committee much regrets that the limited space at the disposal of the Club has made it impossible to hang a number of drawings which would have been of advantage to the Exhibition.

The thanks of the Club are due Mr. T. Guernsey Moore for his drawing for the catalogue cover and Mr. Wilson Eyre, Jr., for the design for the poster.

The T Square Club, in order to gain the most serious possible work in the monthly competitions, has decided to substitute, for the awarded gold and silver medals for the highest averages of the year, a Traveling Fellowship, appropriating a sum to be spent in a few months of European travel under the direction of the Club.

In the programme of the Traveling Fellowship an innovation has been ventured upon, the results of which have been entirely satisfactory. Instead of the hurry, and often the injustice of the timed competition, it has been decided to award the Fellowship on the average of the competitions of the year, so that the criterion would be sustained effort and not a brilliant *coup*.

Each competition is judged for itself without reference to the preceding ones, the elevations as elevations, and the plans as plans, so that there need be no cause for discouragement among unsuccessful competitors.

In the last two competitions of the series, which are concerned with the grouping of parts, and the grasp of the problem as a whole, any changes dictated by the experiences of the year may be introduced, but the departure from the general preliminary lay-out of the first competition will at the same time be taken into consideration.

The subject for this year is a Semi-Suburban Residence near Philadelphia, a local, practical problem exactly suited to draughtsmen, and one to which every-day office experience can be applied.

At the same time it is inspired by the double purpose of solving the relation of individual privacy to the general benefit of the community, and of suggesting a type of residence that shall be modern and yet conserve the characteristics that have long been distinctive of the City of Philadelphia.

The Club has reason to feel gratified as the result has been a more careful analysis of the problem, an unusual earnestness in design, and an absence of trivialities in treatment and rendering, to all of which the vital interest of the problem has contributed.

The T Square Club framed resolutions early in the year requesting the Honorable Secretary of the Treasury, in the exercise of his discretion, as provided in the Tarsney Act, to select local architects to enter into competition for certain public buildings in various cities and towns of Pennsylvania.

These resolutions were forwarded to the influential Architectural Societies of the country, and were by many of them endorsed in further resolutions to the Secretary of the Treasury, and the prospects for the successful operation of the Tarsney Act in these and other localities are considered excellent.

On Wednesday, October 18, 1899, the officers and trustees of the Free Library of Philadelphia tendered a reception to the T Square Club at the Pepper Memorial Hall, for the purpose of there introducing to the profession the Architectural Library, which is already ample and contains many valuable and unique works.

The aid of the Club has been especially requested in the selection of new works, and it welcomes the formation of this collection, because its practical value and its liberal administration, as already demonstrated, will render it of genuine service to the profession and a means of advancing architectural standards.

The T Square Club has steadily followed the policy of being entirely a workingman's club. Without vitiating this earnest spirit which has been the means of success, it will do more in the future to bring about the every-day intercourse of its members.

Already arrangements have been made to furnish a daily luncheon for the members, and much good can be expected to accrue to the Club from the consequent discussion of its affairs and the working out of schemes for its advancement by those whose interests are so closely allied.

The T Square Club keenly appreciates the advantages to be derived from membership in the Architectural League of America, and welcomes most heartily the spontaneous *rapprochement* it has brought about.

The broader sense of professional fellowship and responsibility stimulated by the interchange of ideas among the members of diverse architectural bodies in itself promises much, while the holding of a referendum or national convention gives opportunity for the free discussion of pertinent topics, the enunciating of ideals, and at the same time furnishes a court of appeal particularly welcome to the profession in this State which has thrice vainly endeavored to have the Pennsylvania State Capitol competition scandal fearlessly investigated.

The basis of organization of the newly-formed League, as we understand it, is simply local self-government. A number of independent societies from time to time come together for consultation. Each unit retains its individuality, and is under no obligation to the central body. In other words the organization is voluntary and not binding, and may assert itself under many different conditions. Its make-up may totally change from year to year, and in fact a society represented at one convention may even change in name, purpose and membership without altering its standing in the League, provided it still has the advancement of American Architecture at heart.

The code governing competitions recommended by the Architectural League of America, and already adopted by the Architectural League of New York, the National Sculpture Society, the Society of Mural Painters, and the Chicago Architectural Club, has been ratified by the T Square Club. Its adoption is urged by the other clubs of the country, believing that it furnishes a standard for the client, a basis for mutual understanding in the profession, and that it will have an influence in producing a morale that does not now exist.

A [illegible] SHOW [illegible] BY [illegible]

TO

ADOLFO CARLOS MUÑOZ

BORN

HAVANA, CUBA, FEB. 17TH, 1864

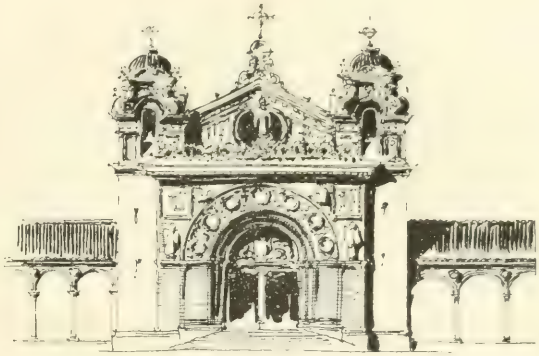
DIED

JENKINTOWN, PA., NOV. 10TH, 1899

THE T SQUARE CLUB AS A SLIGHT TOKEN OF THE HIGH ESTEEM IN WHICH MR. MUÑOZ WAS HELD BY HIS ASSOCIATES, PUBLISHES THIS TRIBUTE TO HIS MEMORY WITH A FEW ILLUSTRATIONS OF HIS WORK

MR. MUÑOZ AT ONE TIME WAS SECRETARY OF THE T SQUARE CLUB, AND BY HIS STRONG PERSONALITY ENDEARED ALL TO HIM WHO HAD THE PRIVILEGE OF KNOWING HIM

DOORWAY, ST. PAULO, SEVILLA



Adolfo Carlos Muñoz del Monte y Poey, son of Adolfo Muñoz del Monte y Justiz, was born on the 17th of February, 1864, in Havana, Cuba. When ten years old he left Cuba for Spain, to study and travel in Europe. In 1881 he received the degree of A. B. from the Institute of Madrid. The following year he arrived in New York City and shortly afterward entered the Rensselaer Polytechnic School at Troy, N. Y., and was graduated at the head of his class in 1886 with the degree of Civil Engineer. Mr. Muñoz immediately entered the School of Mines, Columbia College, here completing the full course in two years. His first practical study in architecture was during the summer of 1887, in the office of McKim, Mead & White, New York. He was graduated from Columbia College with the highest standing and the degree of Ph. B. the following year, and upon his arrival in Philadelphia, in the fall, entered the office of Theophilus P. Chandler, Jr. In April, 1891, he was awarded the first McKim Traveling Scholarship, and sailed for Europe in July, selecting for special study "Modern Architecture in Europe." From January to July the following year he spent in the Ateliers of Daumet & Girault, working on the projects of the Ecole des Beaux Arts. He returned to this country in November, and after a visit to Cuba entered upon the active practice of his profession in Philadelphia. His skill in drawing and design was notable, as attested by the many mentions received in the competitions of the T Square Club, and at the Atlanta Exposition, his drawings were awarded a gold medal.

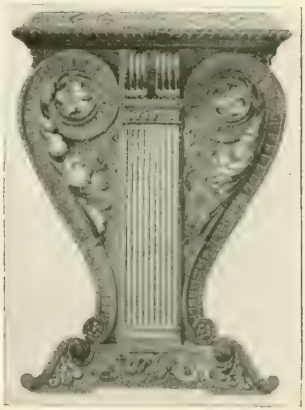
During the Spanish occupation of Cuba Mr. Muñoz promulgated a scheme, and personally raised funds, for the relief of the reconcentrados, and succeeded, in materially ameliorating their condition. Upon the outbreak of the Hispano-American war in 1898 he instantly offered his services to the United States Government. At Tampa he was appointed, upon the authority of the major-general commanding, a volunteer A. D. C. by Brigadier Gen. J. Fred Kent, commander 1st division U. S. V., and served upon his staff until the troops returned to Camp Wickoff. At the battle of San Juan, July 1st, he rendered most valuable services, and on the morning of the 2d of July was wounded in the

head. Upon his return from the hospital, two weeks later, he resumed his post, where he found his training as a civil engineer of great value. General Kent, in his despatch from the field, praised him for his gallantry and efficiency, and subsequently Mr. Muñoz was recommended by the General and other officers for a captaincy in the engineers' corps, U. S. V.

In August, 1898, after his return with the army, he resumed the practice of his profession, but in July, 1899, was called to his father's plantation, Las Canas, Matanzas Province, Cuba, to assist in its rehabilitation after the war, and there remained until his recent return for recuperation, after arduous labor, to Philadelphia, where his death took place suddenly on the 10th of November, 1899.

As has been so appropriately said by Mr. Herbert Welsh, "Mr. Muñoz was a member of a distinguished and highly-esteemed Cuban family, and those who had the privilege of knowing him (we speak not conventionally), recognized in him exquisite social and moral qualities—the refinement, the high tone, the purity of purpose and speech, which are the heritage of good breeding and the natural expression of a good heart. It is cheering to discover such qualities in any one, but a cause for more than ordinary gratification to find them in a citizen of an island which has suffered such oppression as Cuba, and where such potent influences for degeneration have so long been at work and have brought forth so much of evil fruit. Mr. Muñoz was the soul of honor, of courage, both moral and physical. He showed perfect dignity and quiet patience under the stress of worldly reverses. His gallantry was the more admirable from the perfect modesty, which rather sought to hide that display the fact of his narrow escape from death while in military service during the late war.

"We had hoped that he might have proved to be one of those 'to the manner born' who would materially aid in the redemption of Cuba, for his character and talents, his chivalric and patriotic spirit, alike fitted him for such a task; but it was not to be. Better than to witness the glitter of success, as it is popularly understood, is it to look upon the calm light of a true character which reveals itself but for a moment and then passes—we know not why—to its eclipse."

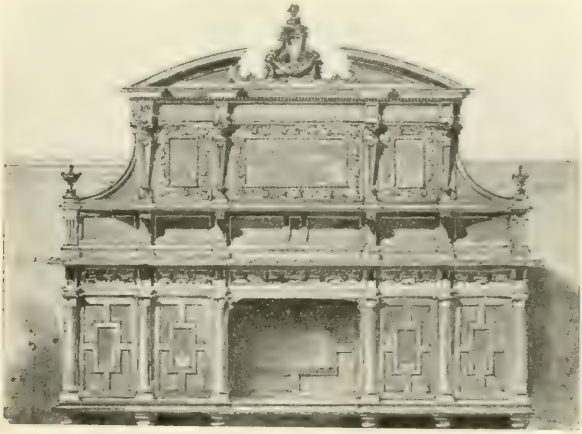


END OF A PIANO BENCH

STUDIES BY A. C. MUÑOZ

A COUNTRY HOUSE FOR A DRAMATIST

A COUNTRY HOUSE, NEAR VIGO, SPAIN



A SIDEBOARD

INDEX TO EXHIBITS

AITCHISON, G.—R. A.—150 Harley Street, London, W., England.

1 Rooms, Kensington Palace, for H. R. H. Princess Louise.
2 Drawing Room, for Sir Wilfred Lawson, M. P.
3 Dining Room, for T. E. Smith, Esq., M. P.
4 Small Drawing Room, for Sir Wilfred Lawson, M. P.
5 Drawing Room, for J. Steward Hodgson, Esq.

ANDERSON, WALTER B.—Belmar, N. J.

6 Study in Ornament, Roman Capital.

ANDREWS, HELEN M.—9 West Sixty-fourth Street, New York City.

7 Lace Handkerchief, Louis XV. Design.

ANDREWS, JAQUES & RANTOUL—1 Somerset Street, Boston. Mass.

8 House at Brookline, Mass.
9 Worcester County Court House.

ASHBEE, C. R.—M. A.—37 Cheyne Walk, London, S. W., England.

10 Designs for various Gold and Silver Work for Table Service or Personal Adornment.
11 Wombourne Wodehouse, Wolverhampton, Staffs., England. Exterior.
12 Wombourne Wodehouse, Wolverhampton, Staffs., England. Exterior.
13 Wombourne Wodehouse, Wolverhampton, Staffs., England. Interior Views.
14 Designs for Fireplaces in Cast Iron with Repoussé Copper and Brass Fittings.
15 Designs for Furniture and Woodwork.
16 Tower Screen, Seal Church, Kent, England.
17 Designs for various Metalwork and Jewelry.
18 Nos. 37 and 73 Cheyne Walk, Chelsea, London, S. W. Interior and Exterior Views.

AYLING, ROBERT STEPHEN,—A. R. I. B. A.—19 Old Queen Street, Westminster, London, England.

19 New Public Baths and Wash Houses at Bethnal Green, London.

BALFOUR, R. S.—A. R. I. B. A.—76 Inverness Terrace, London, W. England.

20 Small Country House, Fittleworth, Sussex, England.

BARNUM & CO., F. S. (Frank S. Barnum, Harry S. Nelson, Albert E. Skeel, Herbert B. Briggs, Wilbur M. Hall)—New England Building, Cleveland, O.

21 Caxton Building, Cleveland, O.
22 Sketch for St. Andrew's Church, Cleveland, O.
23 Alternative Design for Emanuel Parish Church, Cleveland, O.

BERNARD, JOANNY and ROBERT—58 Rue de Rome, Paris, France.

24 New York Life Insurance Co. Building, Competition. Second Prize.

BELCHER, JOHN—20 Hanover Square, London, W., England.

25 The Guildhall, Cambridge. View of Main Staircase.
26 The Guildhall, Cambridge. View in Council Chamber.
27 House at Pangbourne. View of Tower.
28 House at Pangbourne. Garden Front.

BILLQUIST, T. E.—341 Sixth Avenue, Pittsburgh.

29 Allegheny Observatory, Allegheny City, Pa.

BISSEGGER, JOHN J.—1510 Real Estate Trust Building, Philadelphia.

30 Sketch for a Country House.
31 T Square Club Competition. Second Mention. "Illustrating a Quotation from Poetry."
32 Sketches for Furniture.

BLACKALL, C. H.—1 Somerset Street, Boston, Mass.

33 Theatre and Office Building for the F. L. Ames Estate, Boston, Mass.
34 Interior of Banking Room, United States Trust Company, Boston.

BOGGS, EDW. T.—328 Chestnut Street, Philadelphia.

35 Foreign Sketches.

BOIT, EDWARD DARLEY—28 Rue Galilee, Paris, France.

36 Florence from the Hill of San Miniato.
37 Part of the Convent of Vollambrosa.

BOYD, DAVID KNICKERBACKER—1010-13 Harrison Building Philadelphia.

38 Design for a House near Philadelphia.
39 Drawings for a Residence at St. David's, Pa.
40 The Saturday Club House, Wayne, Pa.

BOYD, LAWRENCE VISSCHER—1215 Harrison Building, Philadelphia.

41 Two Views of a House at Germantown.
42 "The Office," Glenside Farms, Glenside, Pa.
43 A Country House. Elevation.
44 A Country House. Plan.
45 Proposed Country House.
46 "The Stores," Glenside, Pa.
47 "The Stores," Glenside, Pa.

BRAGDON & HILLMAN—104-105 Cutler Building, Rochester, N. Y.

48 Summer Cottage for Mr. Nathan Stein, at Ontario Beach, N. Y.

BROCKIE, ARTHUR HOWELL—Germantown, Philadelphia.

The John Stewardson Memorial Scholarship, 1899.—A School of Architecture and Museum for Casts. Design awarded the Scholarship.

49 Façade and Ground Floor Plan.

BROOKE, ARTHUR S.—931 Chestnut Street, Philadelphia.

50 Church, Yeocomico, Va.

BROWN, FRANK CHOUTEAU—19 W. Cedar Street, Boston, Mass.

51 Music Cover Design.
52 Book Plate Design.
53 Book Plate Design.
54 Book Plate Design.
55 Two Book Plates.
56 Two Book Plates.

BUCKLAND, HERBERT T.—Queen's College, Birmingham, England.

57 A Roadside Inn at Bromford, Erdington.
58 Design for Port Elizabeth Library.

BUDD, K. C.—154 Carnegie Hall, New York.

59 Cottage, built around a hill top.

BURRELL, HORACE H.—1204 Chancellor Street, Philadelphia.

60 T Square Club Competition, First Mention—A City Residence. Façade.

CARLSON, H. J.—70 Kilby Street, Boston, Mass.

61 House, Marblehead, Mass.
62 Cow Barn and Hen House, for Herbert Dumaresq, Chestnut Hill, Mass.

CENTURY CO., THE—33 E. Seventeenth Street, New York.

HARRY FENN—

63 A Berkshire Interior.
64 The Hall, People's Palace, London,
65 View of Carpaneto, Birthplace of Leo XIII.
66 Interior of Alma Tadema's Studio.

MALCOLM FRASER—

67 View in Garden of Alma Tadema's House.

JOSEPH PENNELL—

68 Cathedral and Canon's Houses, Durham.
69 Salisbury Cathedral from the Northeast.
70 Chapter House, "Five Sisters" and Central Tower, York Cathedral.
71 The Spire of Salisbury Cathedral.

HENRY SANDHAM

72 Stela I and Altar. The Mysterious City of Honduras.

CHAPMAN DECORATIVE CO.—1417 Chestnut Street, Philadelphia.

73 A Library.
74 A Drawing Room.

CHASE & AMES—13 Exchange Street, Boston.

75 Prospectus Sketch for a Unitarian Church at Cambridge, Mass.

CHITTENDEN, A. W.—34 W. Congress Street, Detroit, Mich.

76 Wein Stube for the Detroit Club.

Columbia University, New York City

SCHOOL OF ARCHITECTURE

J. D. BOYD, JR.—
Graduating Thesis.—A State Capitol.
77 Front Elevation.

H. R. MAINZER—
Graduating Thesis.—A City Hall and Municipal Office Building.
78 Front Elevation.

W. E. PARSONS—
McKim Fellowship Competition, 1899.—A School of Architecture on an Irregular Plot. Prize.
79 Elevation and Section.
80 Plans.

F. LIVINGSTON PELL—
McKim Fellowship Competition, 1899.—A School of Architecture on an Irregular Plot. Prize.
81 Elevation and Section.
82 Plans.

E. L. SATTERLEE—
Graduating Thesis.—A Public Bathing Establishment.
83 Front Elevation.
84 Plan.

COMES, JOHN T.—65 First National Bank, Pittsburgh, Pa.

85 Pittsburgh, from the Allegheny River.

COMSTOCK, F. R.—124 W. Forty-fifth Street, New York City, N. Y.

86 Second Church of Christ, Scientist, New York City (now being erected).
87 A selection of Photographs from buildings erected.

COOPER, C. J. HAROLD—8 Bloomsbury Square, London, England.

88 Interior of Study, No. 15 Stratton Street, Piccadilly, London, W.
89 Interior of Study, No. 15 Stratton Street, Piccadilly, London, W.
90 Exterior of No. 15 Stratton Street, Piccadilly, London, W.
91 Exterior of No. 16 Stratton Street, Piccadilly, London, W.

COPE & STEWARDSON—320 Walnut Street, Philadelphia.

92 S. W. Corner of "Big Quad" Dormitories, University of Pennsylvania.

93 N. W. Corner of "Big Quad" Dormitories, University of Pennsylvania.

94 Accepted Design for Washington University, St. Louis, Mo. Block Plan.

Cornell University, Ithaca, N. Y.

COLLEGE OF ARCHITECTURE

H. M. BOWDOIN—

95 Plan of a Pan-American Exposition.

FRANK EURICH, Jr.—

96 Plan of a Pan-American Exposition.

97 Elevations of a Pan-American Exposition.

W. HERBERT DOLE—

98 The End of a Reception Room in the Executive Mansion at Washington.

HARRY F. HOWES—

99 Plan of a Pan-American Exposition.

W. W. JUDELL—

100 A Public Library for a Small Town. First Mention.

HAROLD R. SHREVE—

101 A Study of the Ionic and Composite Orders.

R. A TISSINGTON—

102 Plan of a Pan-American Exposition.

103 Bird's-eye View of a Pan-American Exposition.

GEORGE WINKLER—

104 A Fire Engine House.

CRAFT & NIEMANN—1430 Chestnut Street, Philadelphia.

105 Reception Room Sketch, showing Mantel, Tiles and Fire Place.

CRAM, GOODHUE & FERGUSON—53 State Street, Boston.

106 Prcspective Sketch in Water Color for a Church at Cohasset, Mass.

107 Photographs of the Church of Our Saviour, at Middleboro, Mass.

108 Photographs of the Public Library at Fall River, Mass.

CRANE, WALTER—13 Holland Street, Kensington, London, England.

109 Winchelsea Church, from the Northeast.

110 Port Du Marechal, Bruges.

CRANE, LIONEL FRANCIS—13 Holland Street, Kensington, London, England.

111 Design for a Small Country House.

D'ASCENZO, NICOLA—1020 Chestnut Street, Philadelphia.

112 The Presentation in the Temple. Cartoon for Part of the Ryerss Memorial Window, Fox Chase, Pa.

113 Creation, for the Church of the Evangelist.
114 Mural Decoration for a Ball Room.

DAVIS, SAMUEL R.—3418 Race Street, Philadelphia.

115 One of the Premiated Drawings Submitted in Competition for the Proposed Alumni Hall, Cornell University, Ithaca, N. Y. Perspective.

DAVISON, THOMAS—28 Great Ormond Street, London, W. C., England.

116 Cottage Hospital, Aldershot, England.
117 Portion of a Design for Municipal Buildings.

DAVISON, T. RAFFLES—33 King Street, Covent Garden, London, England.

118 Old Font, Canterbury.
119 "Severn End," Worcestershire.
120 Jubilee Day, 1897. Sketched from the Albemarle Hotel.
121 Fox Oak, by Halsey Ricardo
122 Grand Piano. Designed by T. G. Jackson, R. A.
123 The Birmingham Law Court
124 A Lodge. Designed by J. D. Sedding.
125 Bow Church, Cheapside.
126 Looking Down College Hill, London.
127 The Gatehouse, Ingatestone.
128 Thames Embankment, London.
129 Fox Oak.
130 Church of Holy Rood, Watford.
131 Stalls of Hornby Church.
132 Victoria Law Courts, Birmingham.
133 Church of the Holy Rood, Watford.
134 Cardiff Municipal Buildings.
135 Church of Holy Rood, Watford, Herts.
136 "Lost," after Sanquinette's Picture.
137 A Bit of Old Salop Architecture.
138 St. Agnes, Kennington.
139 Chapel Interior, Welbeck.

DAY & BRO., FRANK MILES—925 Chestnut Street, Philadelphia.

140 House on Locust Street, Philadelphia. Main Stair Hall.
141 House on Locust Street, Philadelphia. Plans.
142 House on Locust Street, Philadelphia. Façade, Main Stairway and Alcove.
143 House on Locust Street, Philadelphia. Breakfast Room, Drawing Room and Library.
144 House on Locust Street, Philadelphia. Dining Room and Formal Garden.
145 House on Locust Street, Philadelphia. Reception Room.
146 Outer Vestibule, Horticultural Hall, Philadelphia.
147 House at Ambler, Pennsylvania.
148 House at Ambler, Pennsylvania.

DESBOIS, JULES—1 and 3 Rue Le Peletier, Paris, France.

149 Model for Group, New York Life Insurance Company's New Building.

Drexel Institute, Philadelphia

SCHOOL OF ARCHITECTURE

WALTER B. ANDERSON—

150 Study of the Corinthian Order, as used in the Pantheon.

RICHARD ERSKINE—

151 A Study of the Corinthian Order, from the Temple of Jupiter Stator.

JOSEPH A. TIBBETTS—

152 Monument in the Corinthian Order, as used in the Fountain of Trevi.

DUHRING, OKIE & ZIEGLER—1420 Chestnut Street, Philadelphia.

153 Competitive Design for the Y. M. C. A. Building, Scranton, Pa.

DULL & COATES—1205 Walnut Street, Philadelphia.

154 Design for a Church.

155 Cavalry Church, Wyncote, Pa., with Plan.

DUMÉNIL, L.—18 Rue de L'Arrivée, Paris, France.

156 Door of the Hotel de Ville at Toulon.

EDEN, F. C.—3 Staple Inn, London, England.

157 A Village Church.

EDEN, F. C. & J. L. WILLIAMS—3 Staple Inn, London, England.

158 Competition Design for St. Luke's, Winnington.

ENDERS, OSCAR—900 Columbia Building, St. Louis, Mo.

159 A Residence.

160 Old House, Stratford-on-Avon.

161 Porte Du Ponte, Seine et Marne.

EYRE, WILSON, Jr.—929 Chestnut Street, Philadelphia.

162 Proposed New Front for Banking House.

163 House, Stable and Garden for Mr. Frank Squier, Greenwich, Conn.

164 Garden for Mr. Beauveau Borie, Jenkintown, Pa.

165 Memorial Hospital and Sanitorium at Montague City, Mass.

166 Stable at Wallingford, Pa.

167 Addition to Farm House at Cook's Point, Md.

168 Design for T Square Club Exhibition Poster

EYRE, WILSON, Jr., COPE & STEWARDSON and FRANK MILES DAY & BRO.—Associated Architects, 925 Chestnut Street, Philadelphia.

169 Free Museum of Science and Art, University of Pennsylvania.

170 Free Museum of Science and Art, University of Pennsylvania.

171 Free Museum of Science and Art, University of Pennsylvania.

FARRADY, THOMAS P.—904 Walnut Street, Philadelphia.

172 Decorative Frieze for "the Green Room" at the Red Dragon Canoe Club, Philadelphia.

173 Decorative Frieze for "the Green Room" at the Red Dragon Canoe Club, Philadelphia.

FERNALD, CHAPMAN A.—Boston Architectural Club, Boston.

174 S. Maria Della Salute. Venice.

175 Marble Inlays. Maria Della Salute.

FERRY & CLAS—419 Broadway, Milwaukee, Wis.

176 Interiors of Milwaukee Library and Museum Building.

FIELD and MEDARY—1414 South Penn Square, Philadelphia.

177 Elevations of Residence at Overbrook, Philadelphia, for G. B. Roberts, Esq.

178 Stone Details of Residence at Overbrook, Philadelphia, for G. B. Roberts, Esq.

FIGGIS, PHILLIPS T.—28 Martin's Lane, Cannon Street, London, England.

179 Shop and Offices, High Street, Guilford, Surrey, England.

FREEDLANDER, J. H.—19 W. Twenty-second Street, New York City.

180 The Baron de Hirsch Trade School. Photograph.

181 The Baron de Hirsch Trade School. Detail.

GARNIER, TONY—5 Rue de Furstemberg, Paris, France.

182 Chimney in a Hunting Lodge.

183 Panel between Windows in a Monumental Gallery.

GEORGE, ERNEST & YATES—18 Maddox Street, London, W., England.

184 Two Wooden Bridges.

185 Edgeworth Manor, Gloucestershire. Additions.

186 Bridge, Lodge and Gates at North Mymms, Herts, England.

GIFFORD, CHARLES ALLING—31 Union Square, West, New York City.

187 Dining Room, Wallace N. Scudder's Residence, Newark, N. J.

GILBERT, CASS—111 Fifth Avenue, New York City.

188 Agricultural Building, Omaha Exposition, 1898.

189 General Plan for Washington University Competition, St. Louis, Mo.

GITHENS, ALFRED MORTON—1512 Pine Street, Philadelphia.

190 Accepted Design for the Great Seal of the University of Pennsylvania.

191 Drawing Room, South Wraxhall Manor House, near Bath, England.

192 "In the Quadrangle," St. Cross Hospital, near Winchester, England.

193 "In the Hall," Loseley Place, Surrey, England.

194 "Corner in the Oak Room," Loseley Place, Surrey, England.

195 In Winchester Cathedral, England.
196 House in Glastonbury, Somerset, England.
197 Stokesay Castle, from the Battlement of the Keep.
198 "Sir Christopher Wren House," Chichester, England.
199 House near Droitwich, Worcester, England.

GOODYEAR & KELHAM—255 Fourth Avenue, New York City, N. Y.

200 Competition for Washington Public Library. Elevation.
201 Competition for Washington Public Library. Plan.

GREEN & WICKS—110 Franklin Street, Buffalo, N. Y.

202 Design for Hospital at Warren, Pa.
203 First Floor Plan. Hospital at Warren, Pa.
204 Front Elevation. Manufacturers' and Traders' Bank, Buffalo, N. Y.
205 Study for Tower, Machinery and Transportation Building, Pan-American Exposition, 1901, Buffalo, N. Y.

GREY, ELMER—419 Broadway, Milwaukee, Wis.

206 Alterations at 300 Knapp Street, Milwaukee.
207 Hall in Frederick R. Buell's Residence, Milwaukee.

HABERSTROH & SON, L.—9 Park Street, Boston, Mass.

208 Proposed Ceiling Decoration for Dining Room.
209 Proposed Mural Decoration for Dining Room.

HALE, HERBERT D.—13 Exchange Street, Boston.

210 Prospective Sketch for the Beacon Chambers, Joy Street, Boston.

HALL, ALBERTA—4303 Oakenwald Avenue, Chicago.

211 Modeled Frame in Cast Iron.
212 Designs for Book Covers.

HARE, HENRY T.—13 Hart St., Bloomsbury, London, W. C., England.

213 Westminster College, Cambridge.

HARPER & BROTHERS—Franklin Square, New York.

The following drawings, by Maxfield Parrish:
214 Cover, *Harper's Weekly*, Christmas, 1897.
215 Cover, *Harper's Round Table*, Tenth Anniversary Number, 1895.
216 Cover, *Harper's Weekly*, Christmas, 1895.
217 Cover, *Harper's Weekly*, Sport Number, 1897.
218 Cover, *Harper's Weekly*, Bicycle Number, 1896.
219 Cover, *Harper's Weekly*, Christmas, 1896.
220 Cover, *Harper's Round Table*, 1898.

WILLIAM CHARLES HAYS

SECOND HOLDER—JOHN STEWARDSON MEMORIAL TRAVELING SCHOLARSHIP.

320 Walnut Street, Philadelphia.

221 Plan.
222 Front Elevation.
223 Side Elevation and Section.
224 Bird's-eye Perspective.

Envois

225 House at Bakewell, Derbyshire.
226 Sketch, Shrewsbury.
227 Sketch, Shrewsbury.
228 Iffley Church, Oxfordshire.
229 Entrance of a Military School (12-hour sketch design).
230 Study of Three Superimposed Orders (12-hour sketch design).
231 A Bazaar Arcade (12-hour sketch design).
232 A Fish Market (12-hour sketch design).
233 Detail—A School of Medicine (12-hour sketch design).
234 Staircase in a Large Private House (12-hour sketch design).
235 A Small Customs Station (12-hour sketch design).
236 Projet: Exposition Building for a School of Fine Arts.
237 Projet: A Projecting Wing of a Municipal Building.
238 Measured Drawing—House of Tristan, at Tours.
239 Sketch in Montlhery.
240 Sketch in Blois—Papin House.
241 A Doorway in Blois.
242 Sketch at Chenonceau.
243 Sketch—Hotel de Ville, Amboise.
244 Sketch—Near Azay-le-Rideau.
245 Gate Tower, Loches.
246 Moret, Church Tower.
247 Sketches—Along the Loire.
248 Old Monastery in Tarascon.
249 Sketch in Lausanne.
250 Garland on a Roman Altar.
251 Modillion, from the Forum Romanum.
252 Sketch—S. Gregorio, Rome.
253 Sketch in Rome.
254 S. Lorenzo Fuori le Mura, Rome.
255 Detail. Capital from Same.
256 Monument in S. Maria del Popolo, Rome (3-inch scale.)
257 Mosaic Pavement from a Tomb on Via Appia Antica.
258 Palace of Domitian—on the Palatine at Rome. Plan—Actual State.
259 Palace of Domitian—on the Palatine at Rome. Plan—Restored.
260 Palace of Domitian—on the Palatine. Façade Restored,
261 Palace of Domitian—on the Palatine at Rome. Longitudinal Section Restored.
262 Mercato del Fiori, Florence.
263 Sketch—S. Giovanni degli Eremiti, Palermo.

264 Capital—from Siracusa.
265 Antae Capital—from Miletus.

HAZLEHURST & HUCKEL—913 Girard Building, Philadelphia.

266 Police Patrol and Fire Station for the City of Philadelphia, Seventh and Carpenter Streets.

HEACOCK & HOKANSON—931 Chestnut Street, Philadelphia.

267 First Floor Plan. Competitive Design for Y. M. C. A. Building, Scranton, Pa.
268 Front Elevation. Competitive Design for Y. M. C. A. Building, Scranton, Pa.

HECLA IRON WORKS—118 N. Eleventh Street, Brooklyn, N. Y.

269 Photo. Iron Lamp at Entrance of Hotel Bellevue, Boston, Mass.
270 Examples of Iron and Bronze Work.
271 Examples of Iron and Bronze Work.
272 Bronze Plated Iron Stairway, Colonnade and Elevator Front. B. Altman & Co.'s Addition to Store, New York.

HEWETT, W. D. & G. W.—310 Bullitt Building, Philadelphia.

273 Study for a Peristyle.

HOKANSON, O. M.—931 Chestnut Street, Philadelphia.

274 Hall, Coleman House, Greenfield, Mass.
275 Perspective View. Competitive Design Armory Building, University of West Virginia.

HUBBELL & BENES—New England Building, Cleveland, Ohio.

One of the Premiated Designs for Proposed Alumni Hall, Cornell University.
276 Ground Floor Plan.
277 Perspective View.

HUNT, MYRON—17 Van Buren Street, Chicago.

278 House for Harlowe N. Higinbotham. Water Color.
279 Photograph, Residence of Catharine M. White.

INGRAHAM, GEORGE HUNT—528 Tremont Building, Boston, Mass.

280 Photograph of House of George Hunt Ingraham, Architect, Milton, Mass.
281 Preliminary Sketches for a Country House in the Suburbs of Boston.

ISRAELS & HARDER—194 Broadway, New York City, N. Y.

282 Nassau County Court House Competition. Front Elevation.
283 Nassau County Court House Competition. Perspective View.

Competitive Drawings for U. S. Custom House at New York City.
284 State Street Elevation
285 Bridge Street Elevation.
286 Bowling Green Elevation.
287 Ground Plan.

JACKSON, W. E.—929 Chestnut Street, Philadelphia.

288 Design for a Flat House, Brooklyn, New York.

JAMES, J. KING—81 Pine Street, New York.

289 The Beauchamp Chapel, Warwick, England.

290 Peterborough Cathedral, England.

JONES, BEATRIX—21 E. Eleventh Street, New York City, N. Y.

291 Formal Garden for Mrs. C. B. Newbold, "The Gate Farm," Jenkintown, Pa.

292 Garden at Reef Point, Bar Harbor, Maine.

KARCHER & REHN CO.—1608-10 Chestnut Street, Philadelphia.

293 Decorative Panel for Mantel. Sketch.

294 Ceiling Decoration.

KELLEY, JAMES T.—57 Mt. Vernon Street, Boston, Mass.

295 Country House near Boston.

296 Residence, 199 Commonwealth Avenue, for J. Arthur Beebe. View and detail of Entrance (photograph).

KILHAM, H. WALTER—3 Hamilton Place, Boston, Mass.

297 School Building, Beverly Mass.

298 The Villa Belriposa.

LACEY, ADIN B.—1020 Chestnut Street, Philadelphia.

299 A Sketch for a Presbyterian Church and Sunday School Building.

300 Sketch for a Country House.

LE BOUTILLIER, ADDISON B.—Room 25, 12 West Street, Boston, Mass.

301 Sketch for a Golf Club House.

302 Decorative Designs for Printing.

LEISENRING, L. MORRIS—3332 Walnut Street, Philadelphia.

303 Measured Drawings of Colonial Doors.

304 A Renaissance Ceiling.

LONG, BIRCH BURDETTE—1808 Fisher Building, Chicago, Ill.

305 View in the Giusti Gardens, Verona.

306 An English Country House.

306a Central Fountain in the Garden of the Villa Castello.

LORD, HEWLETT & HULL—16 E. Twenty-third Street, New York City, N. Y.

307 Competitive Design for Wilkesbarre Court House. Elevation.

308 Competitive Design for Wilkesbarre Court House. Plan.

MACAULEY, ELLEN—Gravers Lane, Chestnut Hill, Philadelphia.

309 Bulletin Board.

310 "There Came Wise Men from the East."

MAGINNIS, WALSH & SULLIVAN—Tremont Building, Boston, Mass.

311 St. Patrick's Church, Whitinsville, Mass.

312 Carmelite Convent, Mount Carmel, Roxbury, Mass.

313 St. John's Chapel, Brighton Seminary, Brighton, Mass.

314 St. John's Chapel, Brighton Seminary, Brighton, Mass.

MASON, GEO. D.—80 Griswold Street, Detroit, Mich.

315 Competitive Design for the Pickwick Club, New Orleans, La. Plans.

316 Competitive Design for the Pickwick Club, New Orleans, La. Elevation and Details.

317 Preliminary Sketch and Photographs of Stables at Belle Isle Park, Detroit.

318 Preliminary Sketches for a Residence in Detroit.

319 Design for Office Building, Detroit.

320 Residence for Mr. Forbes Robertson, Detroit.

321 Proposed Residence at Detroit.

MAISTRASSE & BERGER—1 and 3 Rue le Peletier, Paris, France.

322 New York Life Insurance Company's Building Competition. Third Prize.

MANN, FREDERICK M.—328 Chestnut Street, Philadelphia.

323 Competitive Drawing for a College Library, Perspective with Plan.

McKIM, MEAD & WHITE—160 Fifth Avenue, New York City, N. Y.

324 Shaw Monument, Boston, Mass.

325 University Hall, Columbia University, New York City.

MITCHELL, ARNOLD—39 Great Marlborough Street, London, W., England.

326 House, The Sables, Harrow-on-the-Hill.

327 Design for the Colfe Grammar School, Lewisham, England.

328 Parish Room, Clapton, London, England.

329 Design for New Board Offices, Ormskirk, England.

230 House, St. Margaret's, Harrow, England.

331 House, Woodside, Stanmore, England.

332 Cottage at Rickmansworth, England.

MOLITOR, JOHN—320 Walnut Street, Philadelphia, Pa.

T Square Club Competition.—Second mention.

333 Sketch for a Gothic Tower.

MONAGHAN, KATHERINE S.—40 Mercer Street, Princeton, N. J.

334 Capital from Temple de Mars Vengeur, Rome.

335 Sketch of a Palace in Turin.

MONTALAND, CHARLES—35 Rue Jacob, Paris, France.

336 Porte Cocheré, Rue St. Louis en L'Isle, Paris.

MORRIS, GEORGE SPENCER—904 Stephen Girard Building, Philadelphia.

337 Some Bits of Switzerland.

338 Street Scene in Bordeaux.

339 Bridge at Tewkesbury, England.

MOUNTFORD, E. W.—F. R. I. B. A.—14 Buckingham Street, Strand, London, W. C., England.

340 New Technical Schools and Extension of Museum, Liverpool.

341 Battersea Polytechnic, London, S. W.

342 New State House, Guernsey, Channel Islands.

343 St. Olaves' Grammar School, Southwark, London, S. E

NAGAYE, KANEGORA—Tyler Wire Works Co., Cleveland, Ohio.

344 Grille for Entrance Doors.

NEWTON, ERNEST—4 Raymond Buildings, Gray's Inn, London, England.

345 House at Haslemere, Surrey, England.
346 House at Wokingham, Berkshire, England.

OELSCHLAGER, CHAS. E.—1009 Harrison Building, Philadelphia.

347 Fire Engine House, Thirty-first and Gray's Ferry Road, Philadelphia.

OLMSTEAD BROTHERS—Brookline, Mass.

348 Preliminary Plan for the Estate of G. W. Norton, Esq., Louisville, Ky.

ORTH, GEORGE S. & BROS.—341 Sixth Avenue, Pittsburgh, Pa.

349 Colonial Place, Pittsburgh, Pa.

PALMER & HORNBOSTLE—63 William Street, New York City, N.Y.

350 House No. 1 E. Seventy-third Street, New York City.

PARIS, WM. F.—273 Fifth Ave., New York City, N. Y.

351 Decoration ot Dining Room for House on Riverside Drive, New York City.
352 Decoration of Dining Room—House at Montclair, N. J.

PARKER, J. HARLESTON—1 Somerset Street, Boston, Mass.

353 Projet for Ornamental Fountain at Junction of two streets—Beaux Arts, Paris, 1898.
354 Window in West Façade at Abbey of Charlieu, France—Archeology, Beaux Arts, Paris, 1899.
355 Projet for Entrance and Vestibule on Curved Corner—Beaux Arts, Paris, 1899.

PEABODY & STEARNS—53 State Street, Boston, Mass.

356 Prospective Sketch of the School at Groton, Mass.
357 Building for Horticulture, Forestry and Graphic Arts at the Pan-American Exposition in Buffalo.

PENNELL, HENRY B.—95 Mount Vernon Street, Boston, Mass.

358 The Porches of Amiens Cathedral, Amiens, France.
359 Interior of Capella Palatina, Palermo, Sicily.
360 Interior of St. Peter's, Rome, Italy.
361 Interior of Church of St. Francis Assisi, Italy.

PENNELL, JOSEPH—14 Buckingham Street, Strand, London, England.

362 One Frame containing Five Drawings of London.
363 One Frame containing Six Drawings of London.

PETRY & BAZIN—1205 Walnut Street, Philadelphia.

364 Photographs of Completed Work. Rittenhouse Club, Philadelphia.
365 Prospective Ball-Room at Newport, R. I.

PITE, BERESFORD—48 Harley Street, London, W. England.

366 Design for Town Hall and Municipal Offices, Cardiff.
367 Design for Town Hall, Colchester.
368 English Mission Hospital for Jews, Jerusalem.

The Pittsburgh Architectural Club.

CARNEGIE INSTITUTE, PITTSBURGH, PA.

JOHN T. COMES—65 First National Bank Building, Pittsburgh.

369 A Garden Pavillion—First Mention.

KROPF, H. M.—5211 Penn Ave., Pittsburgh.

370 Sketch of Tower of the Church of Ascension, Pittsburgh.

PIERRE A. LIESCH—65 First National Bank Building, Pittsburgh.

371 The Duncan's Kitchen, Bas Church, England.

372 The Swan Kitchen at Wrexham, England.

C. EMIL MULLER—304 Penn Avenue, Pittsburgh.

373 An Entrance to Schenley Park, Pittsburgh. First Prize, Scholarship. Plan.

374 An Entrance to Schenley Park, Pittsburgh. First Prize, Scholarship. Elevation.

BENJ. MORGAN NISBET—250 S. St. Clair Street, Pittsburgh.

375 A Campanile with Arcaded Connection.

376 A Music Pavillion with Accessories for Highland Park, Pittsburgh.

GEORGE M. ROWLAND—215½ Fourth Avenue, Pittsburgh.

377 A Country Church for Puerto Rico. Submitted by Pedro.

POND & POND—1109 Steinway Hall, Chicago, Ill.

378 The Hull House Group, Chicago.

379 The Hull House, Chicago. Auditorium and Coffee House.

POPE, JOHN RUSSELL—5 Rue de la Chaise, Paris, France.

380 A Well for the Court Yard of the Hospital St. Jean d'Angers. Course in the History of Architecture, Ecole des Beaux Arts, Paris.

Pratt Institute, Brooklyn, N. Y.

W. B. COLLINS, L. F. BIRD, R. A. GLENN—

381 Historical Studies of the First Year.

W. B. COLLINS, H. P. MERRICK, H. BURROWS—

382 Historical Studies of the First Year.

DANIEL A. HOPPER—

383 A Study of the Façade of a City Hall, First Year.

PRICE, WILLIAM L.—731 Walnut Street, Philadelphia.

384 Residence at Overbrook for William L. Price, Esq.

385 Residence at Merion, Pa., for Samuel Croft, Esq.

386 A Residence at Wallingford, Pa.

PURSELL, ISAAC—119 S. Fourth Street, Philadelphia.

387 Interior—St. Andrew's Church, Chariton, Iowa.

RANKIN & KELLOGG—1024 Walnut Street, Philadelphia, Pa

388 Front Elevation U. S. Post Office and Custom House, Camden, N. J.

389 Exterior Details U. S. Post Office and Custom House, Camden, N. J.

390 Photograph U. S. Post Office and Custom House, Camden, N. J.

ROBERTS, SPENCER—Harrison Building, Philadelphia.

391 "The Walled Garden." House for Mr. F. W. Roebling, Trenton, N. J.

ROGERS, BONE & COLES—7 Carteret Street, London, S. W., England.

392 Sketch for Swimming Bath, Gymnasium and Fives Courts, St. Augustine's College, Canterbury.

393 St. Brelades' Church, Jersey New Sedilia, Choir Stalls and Granite Pavement.

ROSE, HENRY—3 Staple Inn, London, England.

394 Design for a Hotel in Madeira.

ROSBORG, CHRISTIAN FRANCIS—35 Wall Street, New York City, N. Y.

395 First Mention. Design for "A Library for a Small Country Town." Society of Beaux Arts Architects' Competition, Class B. Elevation.

RUTAN & RUSSELL—65 First National Bank Building, Pittsburgh, Pa.

396 Entrance to St. Augustine R. C. Church, Pittsburgh.

397 Well for C. E. Speer, Esq., Friendship Hill, Pa.

398 Dining Room in Residence of W. E. Reis, New Castle, Pa.

399 Hall in Residence of W. E. Reis, Esq., New Castle, Pa.

SAUER, ANDREW J.—860 N. Twelfth Street, Philadelphia.

400 Summer Sketches.

401 Design for a City House.

SEELER, EDGAR V.—Real Estate Trust Building, Philadelphia.

402 Detail Drawing—Interior of First Baptist Church, Philadelphia.

SETH-SMITH, W. HOWARD—46 Lincoln's Inn Fields, London, W. C., England.

403 Alterations to Waxwell Farm, Pinner, Middlesex.

404 Design for College at Cambridge.

405 Workshop Buildings, Oxfordshire.

SHEAFER, FRANCES B.—10 S. Eighteenth Street, Philadelphia.

406 Magazine Cover.

SHURTEFF, ARTHUR A.—9 West Cedar Street, Boston, Mass.

407 "An Old-fashioned Flower Garden," Newburyport, Mass.

SCHERMERHORN & REINHOLD—430 Walnut Street, Philadelphia.

408 Trinity Baptist Church, Philadelphia, Pa.

409 Gate Lodge at "Pembroke," Bryn Mawr, Pa.

SCHILLING, EDW. A.—48 Peninsular Bank Building, Detroit, Mich.

410 Toilet Pavilion, Clark Park, Detroit.

SMITH, EDEN—Toronto, Canada.

411 House for C. A. Hasten, Esq., at Toronto, Canada.

412 Photographs of Houses in Toronto, Canada.

SPROATT & ROLPH—Bank of Commerce Building, Toronto, Canada.

413 Façade of Office Building Proposed to be Erected in Toronto, Canada.

414 Photographs of a Summer Residence in Toronto.

STURGIS, R. CLIPSTON—19 Exchange Place, Boston, Mass.

415 Wells Cathedral, Transept Looking East.

416 Wells Cathedral, South Aisle.

417 Wells Cathedral, Bishop Sugar's Chantry.

418 Ely, Cathedral, West Tower.

419 Shepton Mallet and Bruton.

STRIEBINGER, FREDERIC WM.—1215 New England Building Cleveland, O.

420 Chemistry Hall. Section.

SUPPLEE, WM. F.—1417 Chestnut Street, Philadelphia.

421 "A Fellow's Room."

SWALES, FRANCIS S.—80 Griswold Street, Detroit, Mich.

422 Pen Drawing of St. Peter's Church, Maids Morton, Bucks, England.

TAYLOR, F. STEWARD—A. R. I. B. A.—5 John Street, Bedford Row, London, England.

423 A Hotel in the Isle of Wight.

THOMAS, F. INIGO—4 Clifford Street, London, W., England.

424 Barrow Court, Somerset, England.

TITUS, LLOYD—925 Chestnut Street, Philadelphia.

The John Stewardson Memorial Scholarship, 1899. A School of Architecture and Museum for Casts. Design awarded First Honorable Mention.

426 Ground Floor Plan.

427 Façade.

TOTTEN & ROGERS—931 Chestnut Street, Philadelphia, and Washington, D. C.

428 Monument, Cemetery at Roxborough, Philadephia.

429 Perspective. Riggs Bank, Competitive Drawing.

430 Elevation. House for J. C. Hooe, Esq., Washington, D. C.

TOWNSEND, HARRISON C.—F. R. I. B. A.—29 Great George Street, Westminster, London, England.

431 Entrance to "Cliff Towers," Devonshire, England.

432 Lindenhaus, Dusseldorf, Germany—Mantle in Billiard Room.

TROUT, W. P.—320 Walnut Street, Philadelphia.

433 T Square Club Competition—First Mention. A Gothic Tower.

TROWBRIDGE & LIVINGSTON—287 Fourth Avenue, New York City, N. Y.

Washington Public Library Building.

434 Plan of First Floor.
435 Front Elevation.
436 Section.

Nassau County Court House Competition—Premiated Design.

437 Perspective View.
438 Front Elevation.
439 Side Elevation.
440 Plan of First Floor.

Competition for U. S. Custom House, New York.

441 Plan of First Floor.
442 Elevation on Bowling Green.
443 Side Elevation.
444 Rear Elevation.
444a Dwelling in Course of Construction at Tuxedo Park, N. Y. Perspective.

University of California

Designs Submitted in the Phœbe Hearst Architectural Competition

Photographic Enlargements, loaned by the Regents of the University

E. BÉNARD—29 Boulevard Pereire, Paris, France. First Prize.

445 Plan of Buildings and Grounds.
446 Perspective View.

HOWELLS, STOKES & HORNBOSTLE—63 William Street, New York City. Second Prize.

447 Plan of Buildings and Grounds.
448 Perspective View.

DESPRADELLES & CODMAN—6 Beacon Street, Boston, Mass. Third Prize.

449 Plan of Buildings and Grounds.
450 Perspective View.

HOWARD & CAULDWELL—10 and 12 E. Twenty-third Street, New York City. Fourth Prize.

451 Plan of Buildings and Grounds.
452 Perspective View.

LORD, HEWLETT & HULL—16 E. Twenty-third Street, New York City. Fifth Prize.

453 Plan of Buildings and Grounds.
454 Perspective View.

And the following, comprising in all the Eleven Competitors selected to enter the Final Competition:

BARBAUD et BAUBAIN—2 Boulevard Henry IV, Paris, France.

455 Plan of Buildings and Grounds.
456 Perspective View.

PROF. F. BLUNTSCHLI—4 Stockgasse, Zurich.

457 Plan of Buildings and Grounds.
458 Perspective View.

RUDOLF DICK—99 Josefstadter Strasse, Vienna, Austria.

459 Plan of Buildings and Grounds.
460 Perspective View.

J. H. FREEDLANDER—24 W. Twenty-second Street, New York, N. Y.

461 Plan of Buildings and Grounds.
462 Perspective View.

G. HÉRAUD et W. C. EICHMULLER—3 Rue des Tournelles Arcueil, and 18 Rue de l'Odeon, Paris, France.

463 Plan of Buildings and Grounds.
464 Perspective View.

WHITNEY WARREN—160 Fifth Avenue, New York, N. Y.

465 Plan of Buildings and Grounds.
466 Perspective View.

University of Pennsylvania, Philadelphia

SCHOOL OF ARCHITECTURE

WALTER D. BLAIR—

467 Exposition Building. Senior Design.

F. L. BODINE—

468 Bishop's Throne. Byzantine. Senior. Class of Historic Ornament.

LEON N. GILLETTE—

469 Elevation of a Department Store. Second Year Special Design.

I. W. HOOVER—

470 A Staircase for a State Capitol. Elevation and Plan. Junior Design.

F. F. LINCOLN—

471 Café and Boat Landing. Second Year Special Design.
472 A Lighthouse with Life-saving Station. Elevation. Second Year Special Design.
473 Outlet to a Mountain Stream. One-day Sketch Problem.
474 Gothic Rood Screen. Second Year Special Class in Historic Ornament.

FRANK EDSON PERKINS—

Thesis at the Ecole des Beaux Arts. An American Chamber of Commerce.

475 First Floor Plan.
476 Elevation.
477 Elevation.

MAREE RODES—

478 Louis XVI. Sofa. Second Year Class in Interior Decoration.

PAUL RAYMOND SIEGEL—

479 A School of Architecture. Senior Design.

VAN LEYEN, EDW. C.—48 Peninsular Bank Building, Detroit, Mich.

480 Apartment House (Balmoral), Detroit.

VOYSEY, CHARLES, F. A.—No. 6 Carlton Hill, London, N. W., England.

481 Photograph of a Country House.
482 Photograph of a Country House.

WALES & HOLT—22 Congress Street, Boston, Mass.

483 House at Little Boar's Head, New Hampshire.
484 House at Chestnut Hill, Mass.

WARREN, E. P.—20 Cowley Street, Westminster, London, England.

485 The Church of St. Martin, Bryanston, Blandford, England.
486 The East Gate Hotel, High Street, Oxford, England.
487 Victoria Fountain and Clock Turret, Oxford, England.

WARREN, HAROLD B.—4 Milton Road, Brookline, Mass.

488 The Bishop's Palace, St. David's, South Wales. (For sale. Price $50.)
489 Courtyard of the Bishop's Palace, St. David's, South Wales. (For sale. Price $50.)

WATTS, WM. STOWMAN—Moore's, Delaware County, Pa.

490 Competitive Design, No. 2, for Summerfield M. E. Church, Philadelphia.

WATMOUGH, RICHARD L.—1510 Real Estate Trust Co. Building, Philadelphia.

491 Design for Entrance to a Navy Yard.

WEBB, ASTON—A. R. A.—19 Queen Anne's Gate, Westminster, London, S. W., England.

492 New Club House, Shops, etc., Yarmouth, Isle of Wight.
493 New Dining Room, "Paddockhurst," Sussex, England.

WHEELRIGHT & HAVEN—1129 Tremont Building, Boston, Mass.

494 New Bridge Over Charles River, between Boston and Cambridge.
495 Surgical Operating Building, Massachusetts General Hospital, Boston, Mass.

WILLIAMS, T. L.—3 Staple Inn, London, England.

496 The Hall, Ford Manor, Lingfield, Surrey.

WINSLOW, CARLETON MONROE—1780 Old Colony Building, Chicago, Ill.

497 Water Color, Sketch of a Church.
498 Competition for a School House Doorway.

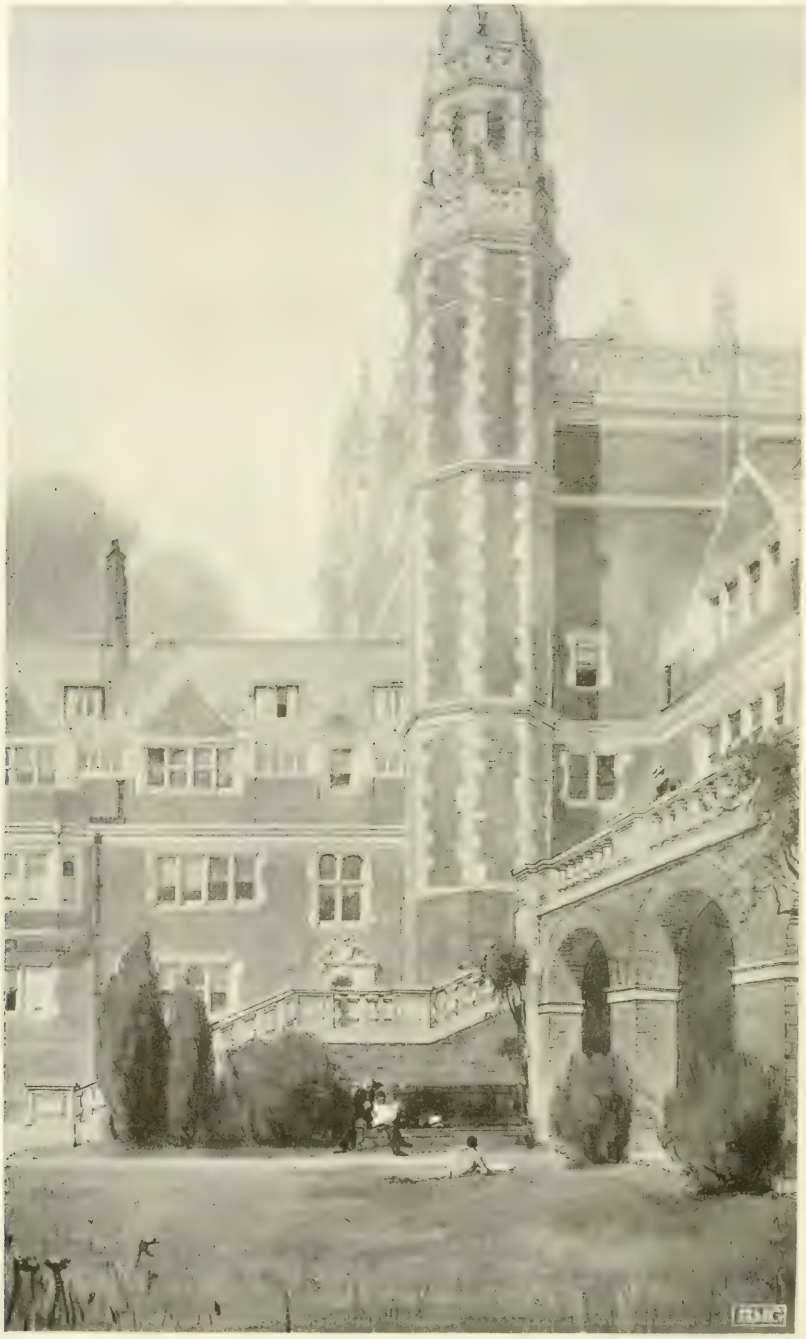
WINSLOW, WETHERELL & BIGELOW — 4 Hamilton Place, Boston, Mass.

499 Competitive Design for an Office Building. Perspective Line Drawing.

WOOD, EDGAR—A. R. I. B. A.—78 Cross Street, Manchester, England.

500 House at Bowdon, Cheshire, England.
501 House at Middleton, Lancashire, England.
502 The George and Dragon Inn, Castleton, Lancashire England.
503 House at Marland, near Rochdale, Lancashire, England.
504 Houses and Shop, Middleton, Lancashire, England.
505 Proposed Clock Tower, Huddersfield, Yorkshire, England.

A SKETCH IN LONDON, ENGLAND
By Joseph Pennell



S. W. COR. OF "BIG QUAD," DORMITORIES, UNIVERSITY OF PENNSYLVANIA

Cope & Stewardson, Architects, Philadelphia

N. W. COR. OF "BIG QUAD," DORMITORIES, UNIVERSITY OF PENNSYLVANIA

Cope & Stewardson, Architects, Philadelphia

THE HALL AT FORD MANOR, SURREY, ENGLAND

T. LEONARD WILLIAMS, Architect, London

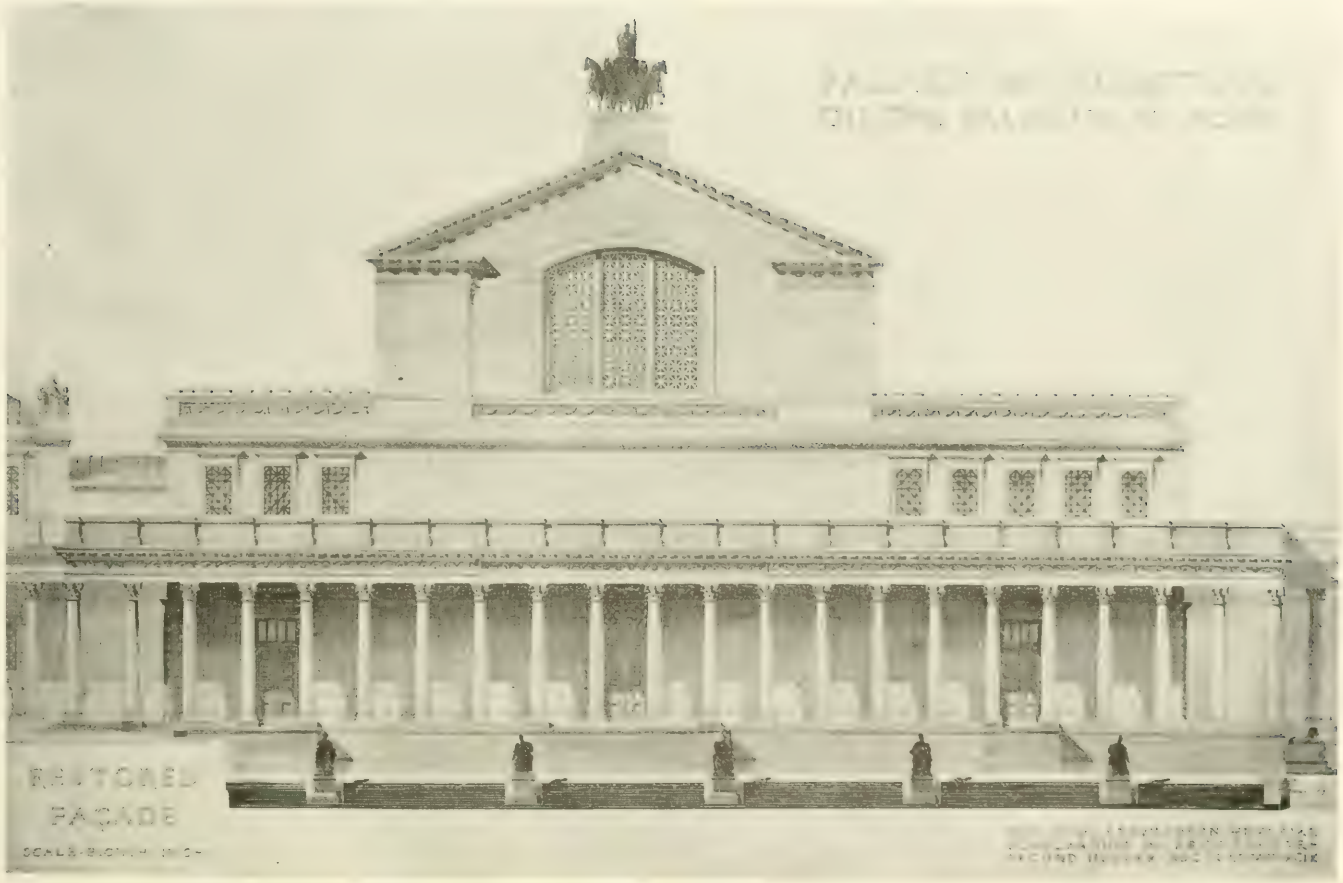
HOUSE AT WOKINGHAM, ENGLAND

Ernest Newton, Architect, London

A HOUSE AT KINGSTON, N. Y.
WILSON EYRE, JR., Architect, Philadelphia

CHURCH OF ST. MARTIN, BRYANSTON, ENGLAND

E. B. Warren, Architect, London



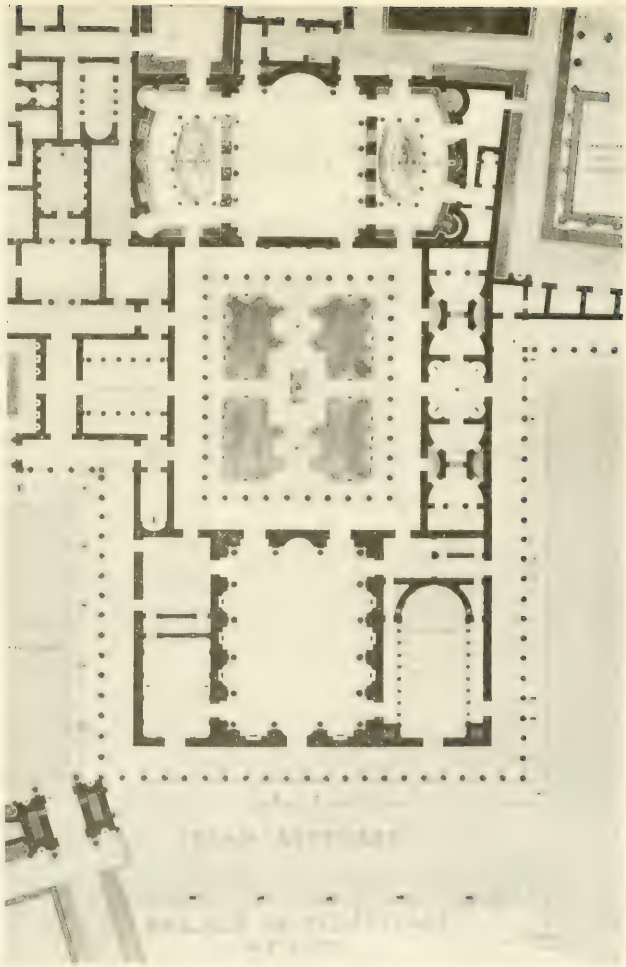
RESTORED FAÇADE OF PALACE OF DOMITIAN, ROME

By Wm. Charles Hays, Philadelphia

Second Holder, John Stewardson Memorial Scholarship

MANUFACTURERS' AND TRADERS' BANK, BUFFALO, N. Y.

GREEN & WICKS, Architects, Buffalo



RESTORED PLAN, PALACE OF DOMITIAN, ROME

By WM. CHARLES HAYS, Philadelphia

(FOUND BOLDER, JOHN HEWARD ON MEMORIAL SCHOLARSHIP)

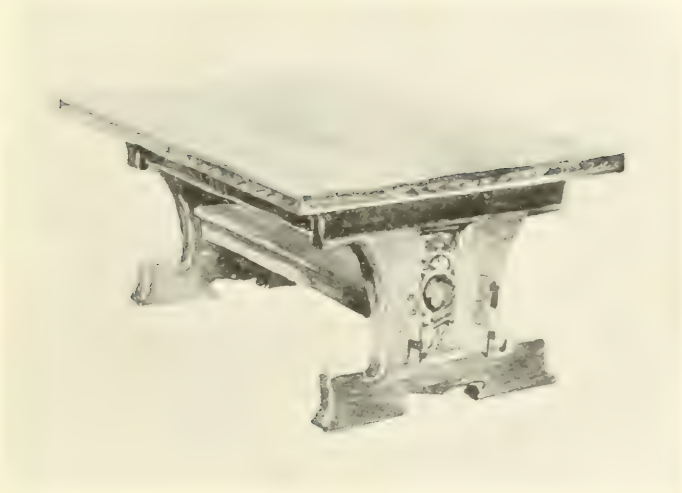
MURAL DECORATION FOR A BALL ROOM
By Nicola D'Ascenzo, Philadelphia

A SUMMER COTTAGE,—THE ROAD FRONT
Sproatt & Rolph, Architects, Toronto

DESIGN FOR A SMALL COUNTRY HOUSE
By Lionel Francis Crane, London

WINCHELSEA CHURCH, FROM THE NORTHEAST
Sketch by Walter Crane, London

HOUSE No. 1 E. 73D STREET, NEW YORK CITY
PALMER & HORNBOSTLE, Architects, New York City



SKETCHES FOR FURNITURE
By John J. Bissegger, Philadelphia

WORCESTER COUNTY COURT HOUSE

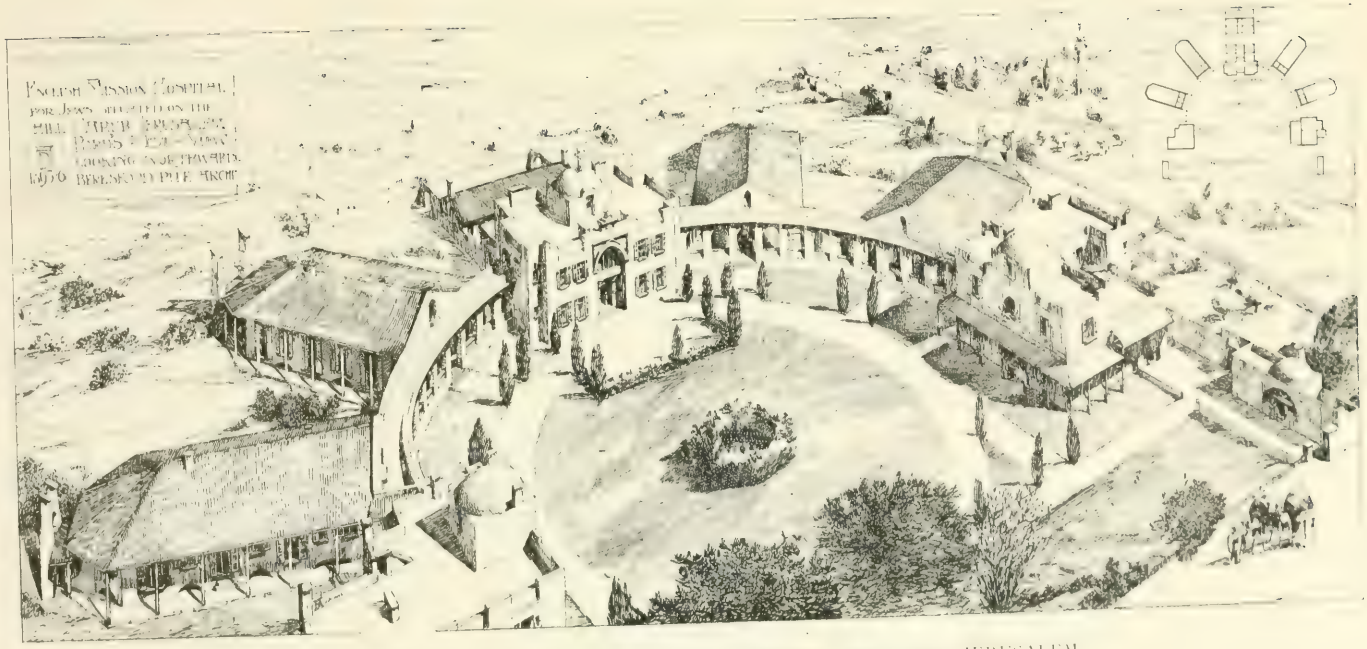
ANDREWS, JAQUES & RANDOLL, Architects, Boston

PERSPECTIVE SKETCH OF "THE SCHOOL" AT GROTON, MASSACHUSETTS

PEABODY & STEARNS, Architects, Boston

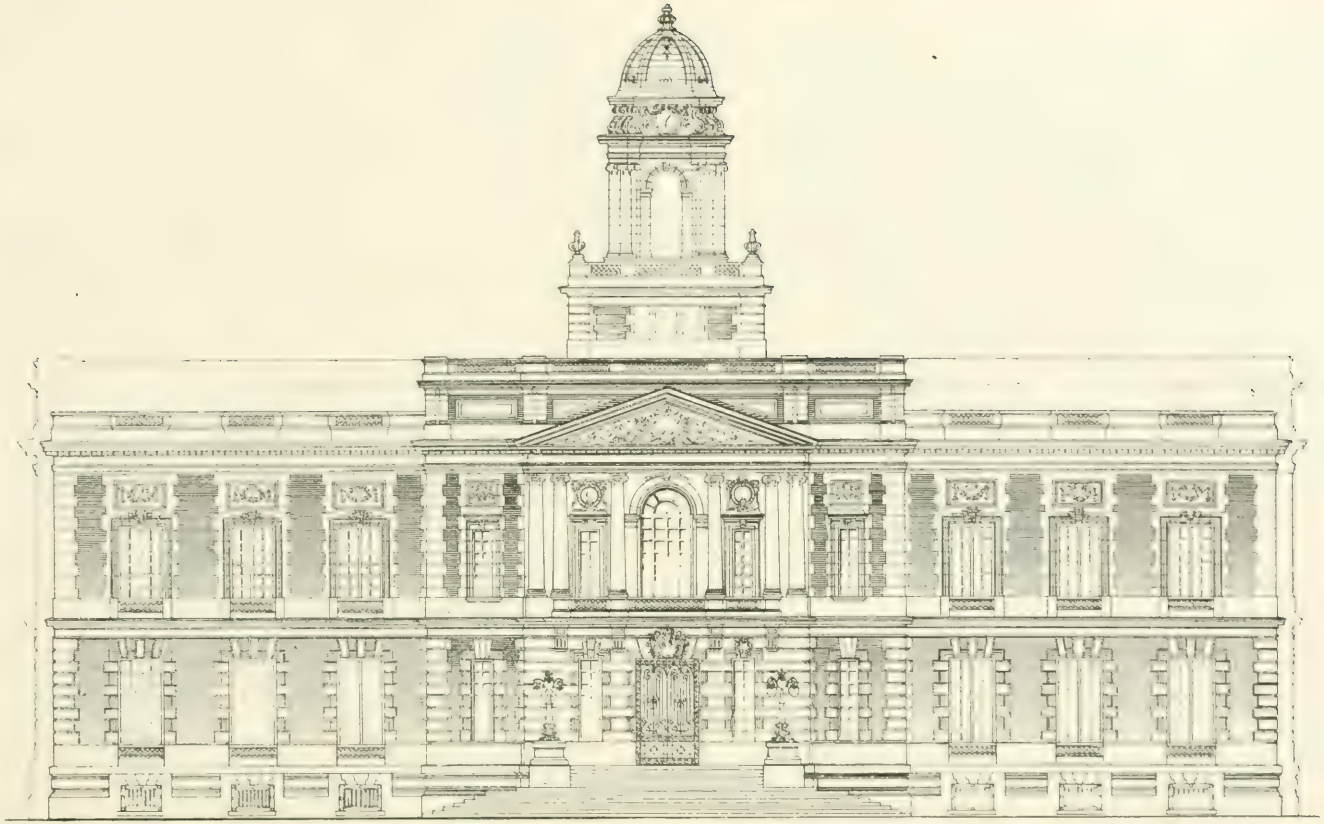
WELLS CATHEDRAL, BISHOP SUGAR'S CHANTRY
Sketch by R. Clipston Sturgis, Boston

WELLS CATHEDRAL—TRANSEPT, LOOKING EAST
Sketch by R. Clipston Sturgis, Boston



BIRD'S-EYE VIEW OF ENGLISH MISSION HOSPITAL FOR JEWS, JERUSALEM

BERESFORD PITE, Architect, London



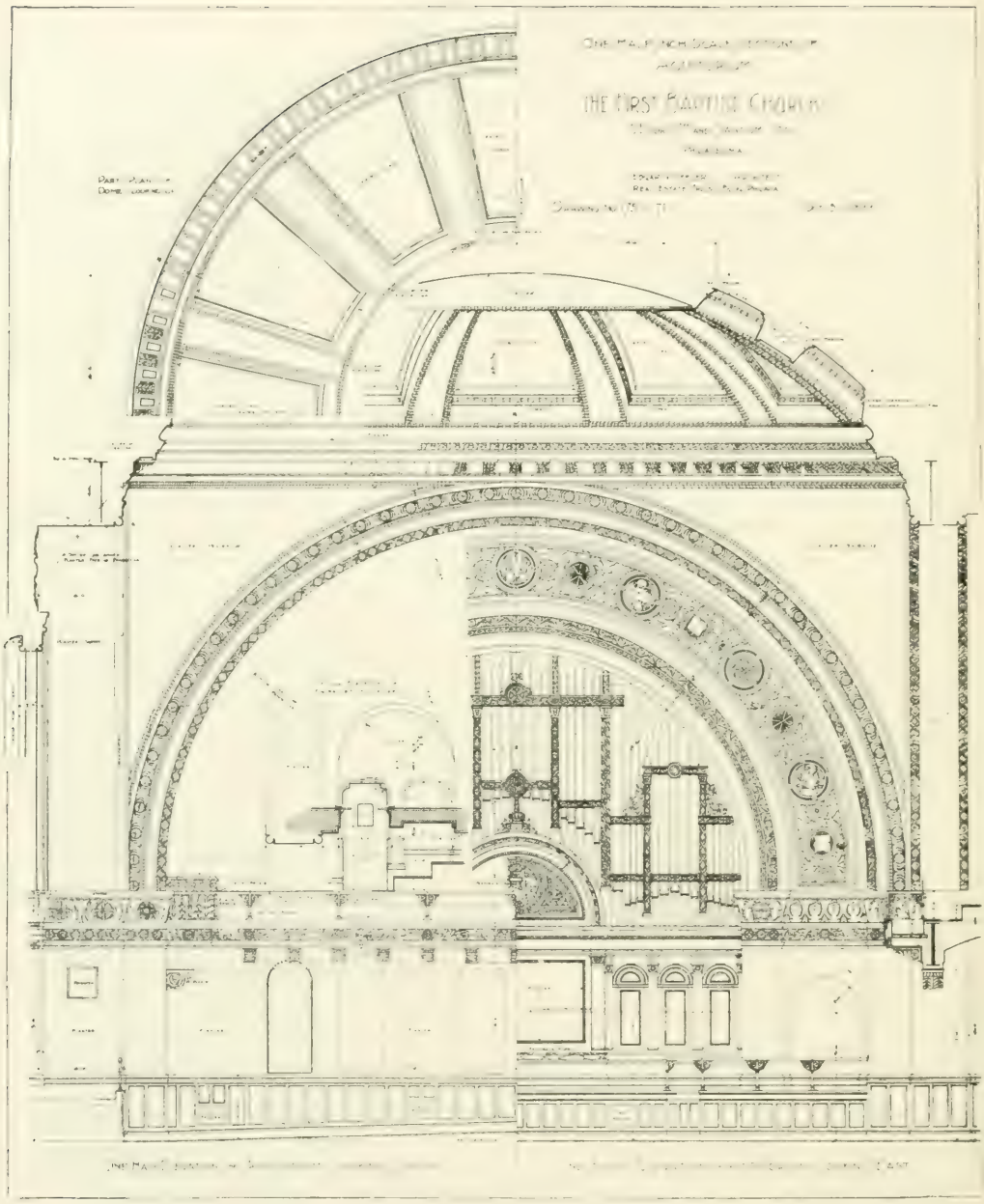
COMPETITIVE DRAWING FOR THE NASSAU COUNTY COURT-HOUSE, MINEOLA, L. I.
FRONT ELEVATION

Premiated Design—TROWBRIDGE & LIVINGSTON, Architects, New York City

COMPETITIVE DRAWING FOR THE NASSAU COUNTY COURT HOUSE, MINEOLA, L. I.

FRONT ELEVATION

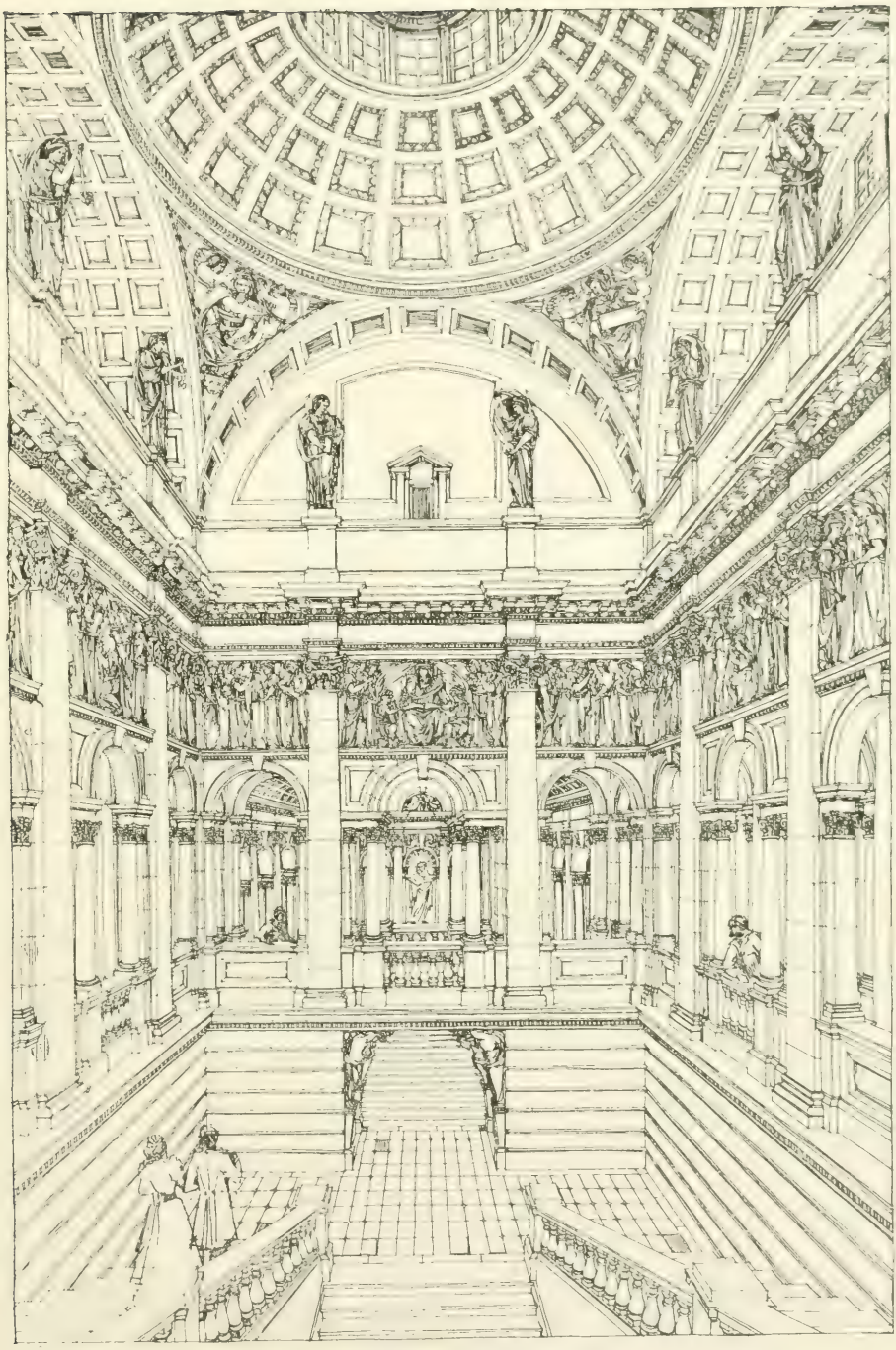
EGAN & HARDER, Architects, New York City



SECTIONS OF AUDITORIUM—FIRST BAPTIST CHURCH, PHILADELPHIA

EDGAR V. SEELER, Architect, Philadelphia

Drawn by J. J. BISSEGGER



THE GUILDHALL CAMBRIDGE, ENGLAND

VIEW OF MAIN STAIRCASE

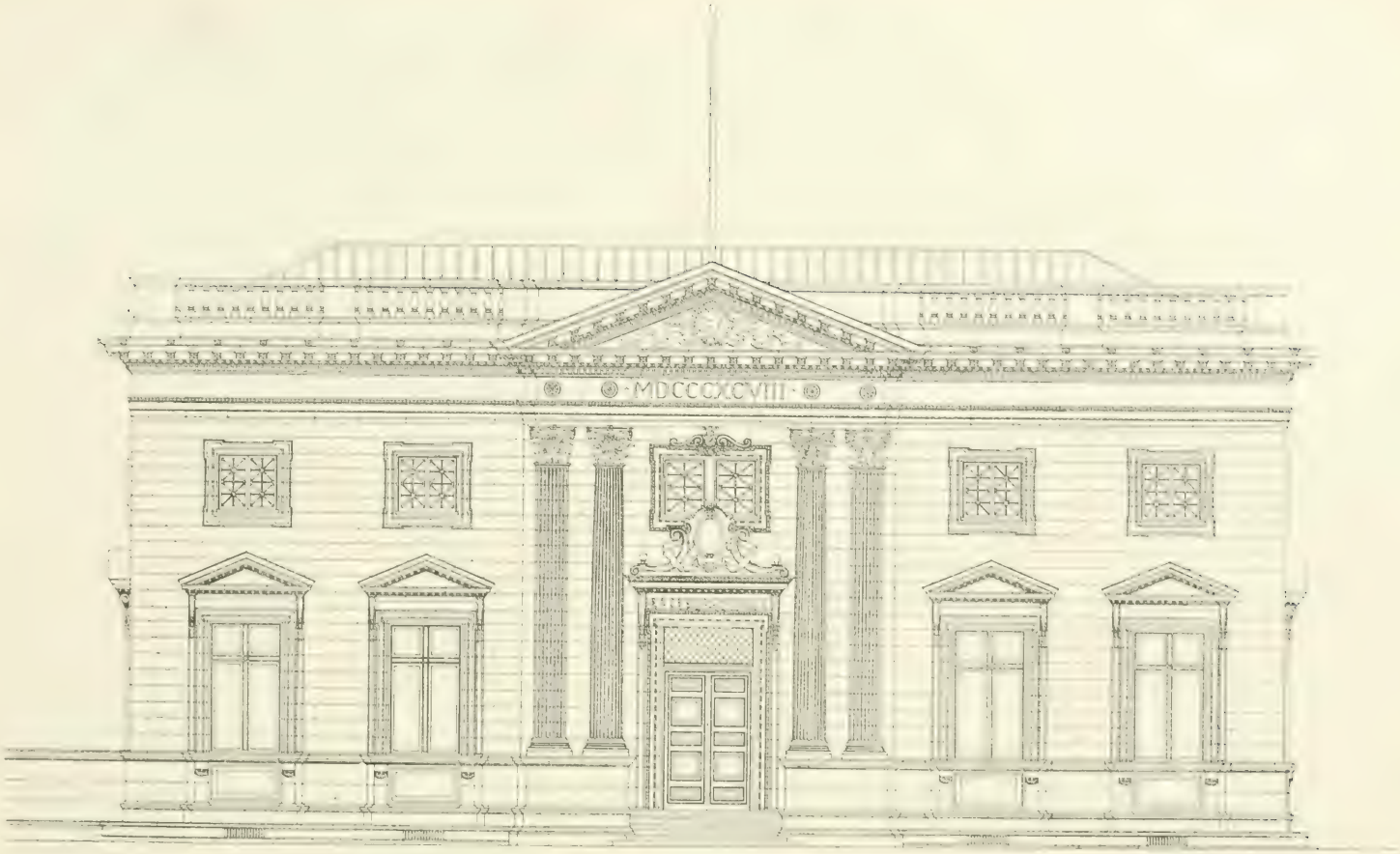
JOHN BELCHER, Architect, London

ADDITIONS TO EDGEWORTH MANOR, GLOUCESTER, ENG.
ERNEST GEORGE & YEATES, Architects, London

OLD HOUSE, STRATFORD ON-AVON, ENGLAND
Sketch by OSCAR ENDERS, St. Louis

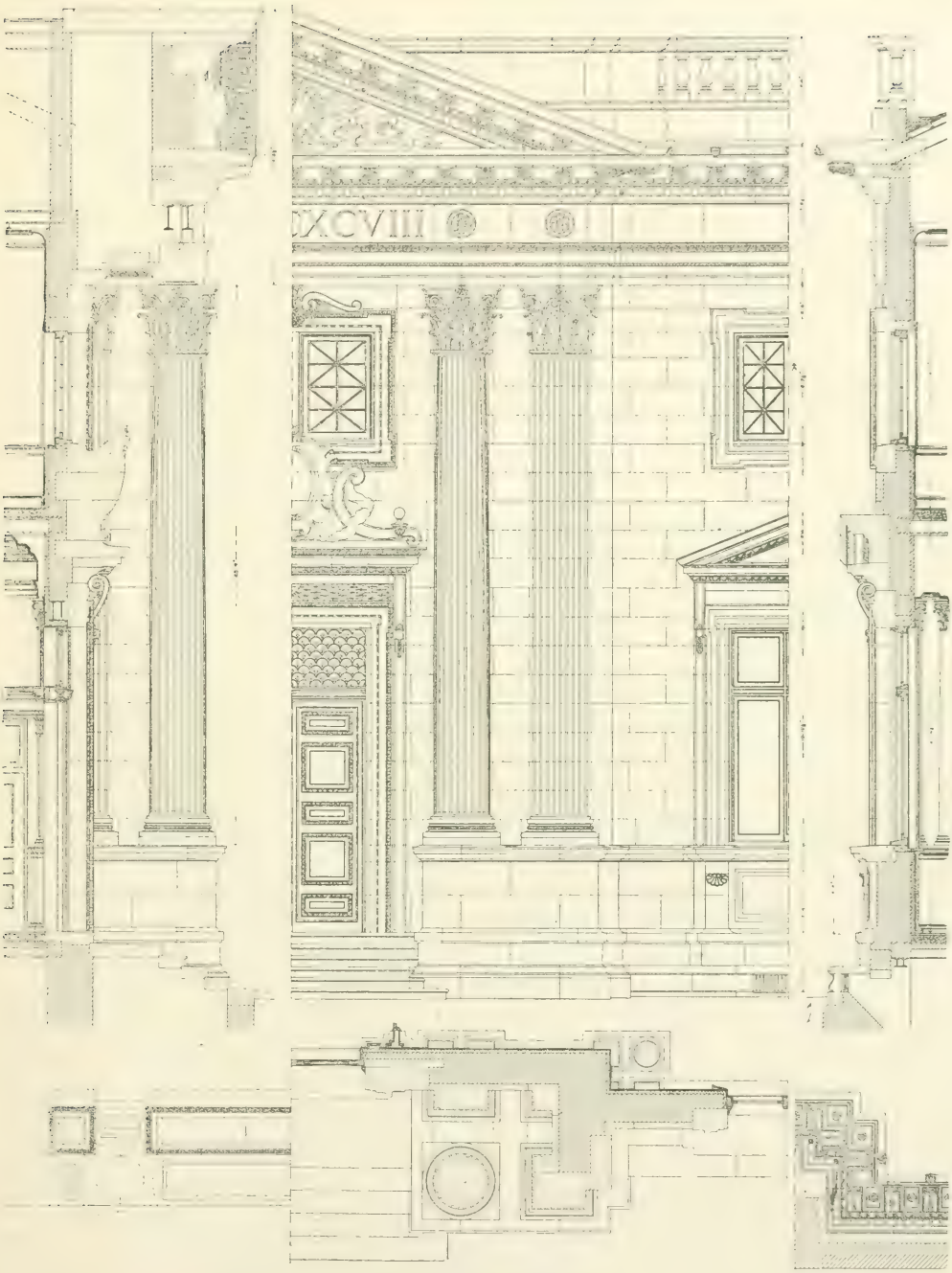
THE END OF A RECEPTION ROOM IN THE EXECUTIVE MANSION
By W. Herbert Dolf, College of Architecture, Cornell University

NEW TECHNICAL SCHOOLS AND EXTENSION OF MUSEUM, LIVERPOOL, ENGLAND
E. W. Mountford, Architect, London



U. S. POST OFFICE AND CUSTOM HOUSE, CAMDEN, N. J.—FRONT ELEVATION

RANKIN & KELTON, Architects, Philadelphia



EXTERIOR DETAILS

U. S. POST OFFICE AND CUSTOM HOUSE, CAMDEN, N. J.

RANKIN & KELLOGG, Architects, Philadelphia

HOUSE, ST. MARGARETS, HARROW, ENGLAND

ARNOLD MITCHELL, Architect, London

SURGICAL OPERATING BUILDING
MASSACHUSETTS GENERAL HOSPITAL, BOSTON, MASS.
WHEELWRIGHT & HAVEN, Architects, Boston

A

THE BEAUCHAMP CHAPEL, WARWICK, ENGLAND

Sketch by J. King James, New York

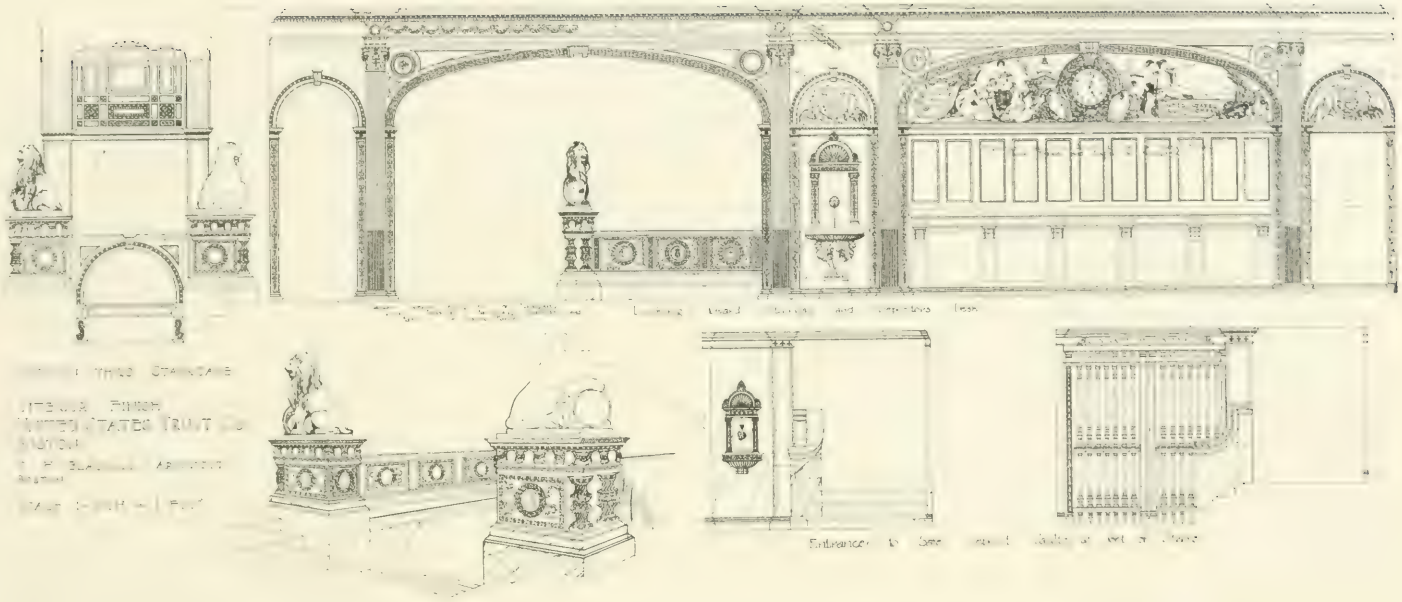
SKETCH FOR A PROPOSED CHURCH AT COHASSET, MASS

PERSPECTIVE VIEW FROM THE SOUTHWEST

CRAM, GOODHUE & FERGUSON, Architects, Boston

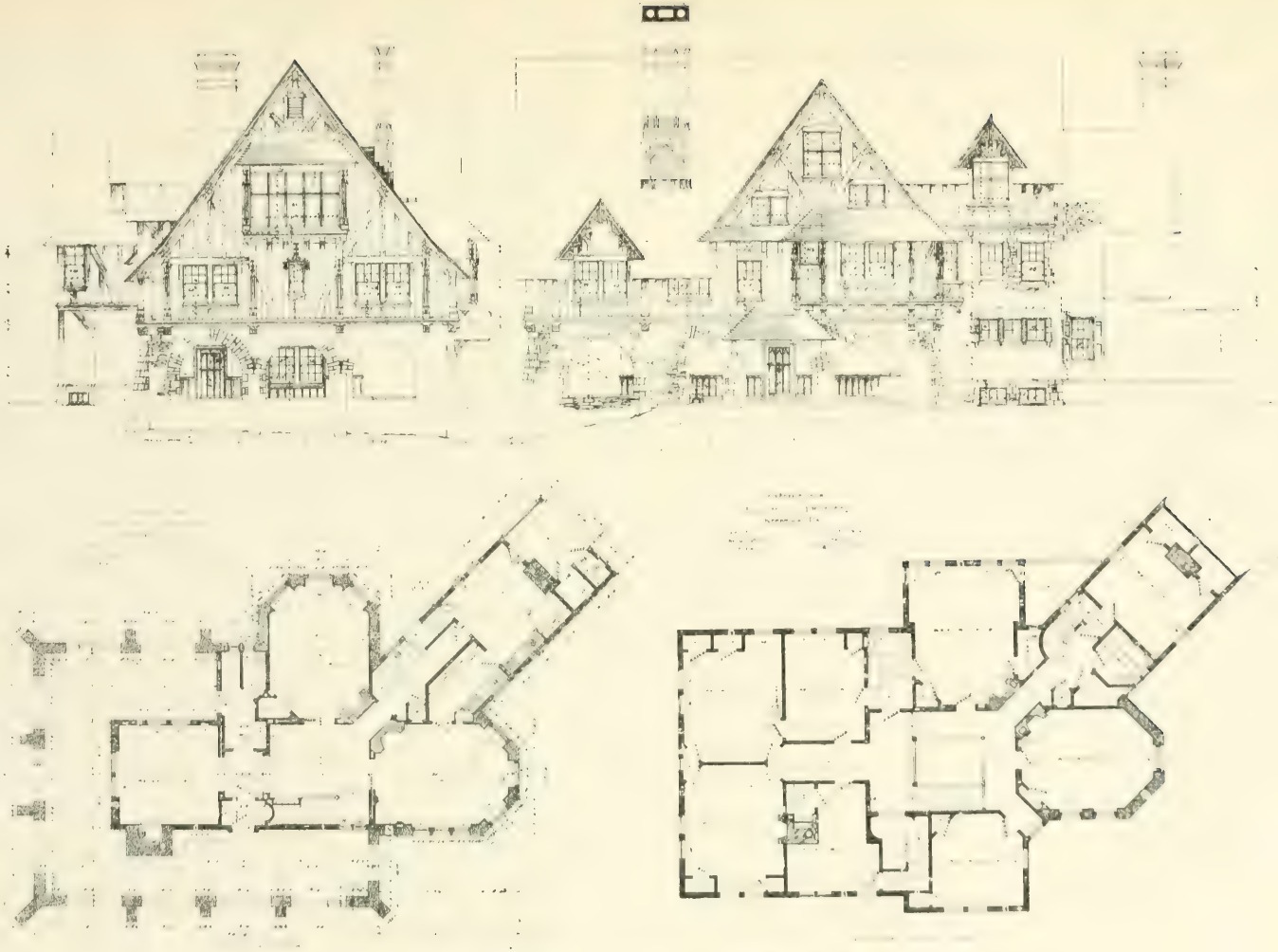
THE SHAW MONUMENT, BOSTON, MASS.
McKim, Mead & White, Architects, New York

SKETCH OF A HOUSE FOR STEPHEN PARRISH, ESQ.
By WILSON EYRE, JR., Architect, Philadelphia



INTERIOR FINISH, UNITED STATES TRUST CO., BOSTON, MASS.

C. H. Blackall, Architect, Boston



ELEVATIONS AND PLANS OF HOUSE AT OVERBROOK, PHILADELPHIA

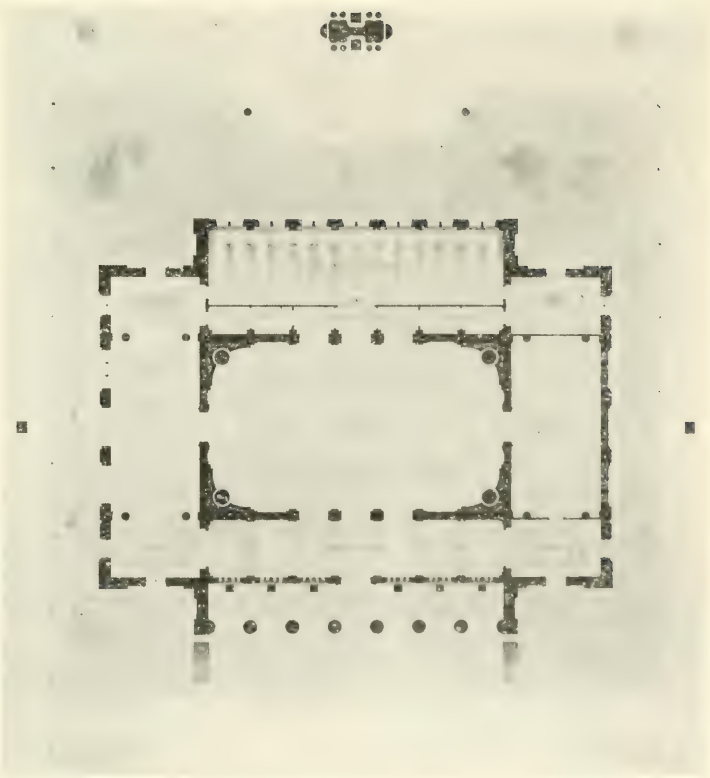
For William L. Price, Architect, Philadelphia

SOCIETY OF BEAUX ARTS ARCHITECTS' COMPETITION, CLASS B

A LIBRARY FOR A SMALL COUNTRY TOWN. FAÇADE

First Mention—CHRISTIAN FRANCIS ROSBORG, New York

IN THE HALL, LOSELEY PLACE, SURREY, ENGLAND
Sketch by Alfred Morton Githens, Philadelphia

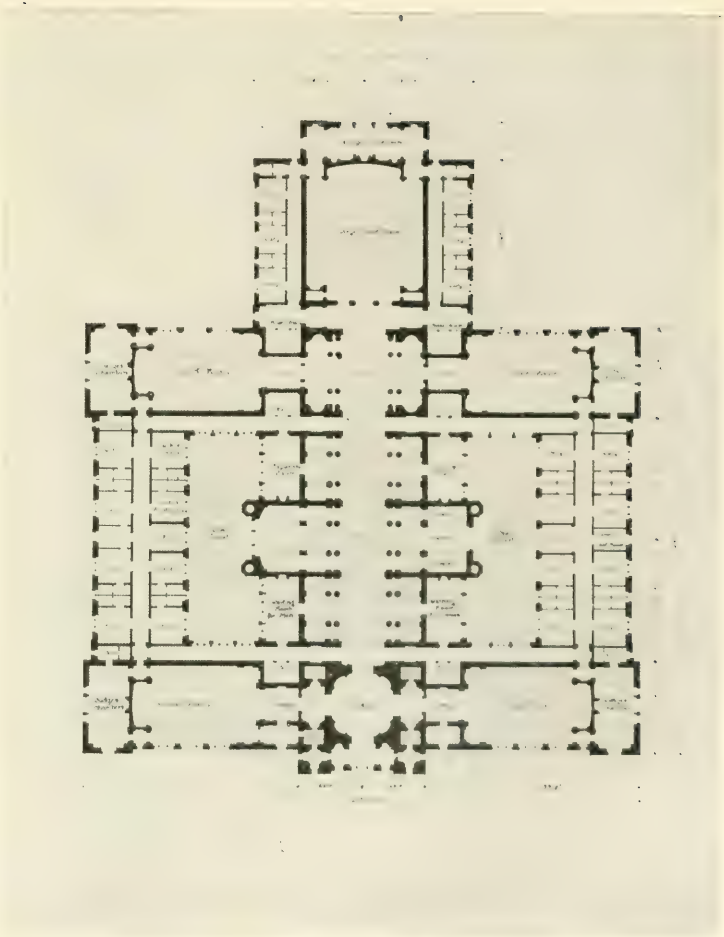


Society of Beaux Arts Architects' Competition, Class I
A LIBRARY FOR A SMALL COUNTRY TOWN. GROUND PLAN
First Mention—Christian Francis Rasmussen, New York

COMPETITIVE DESIGN FOR WILKESBARRE COURT HOUSE—FAÇADE

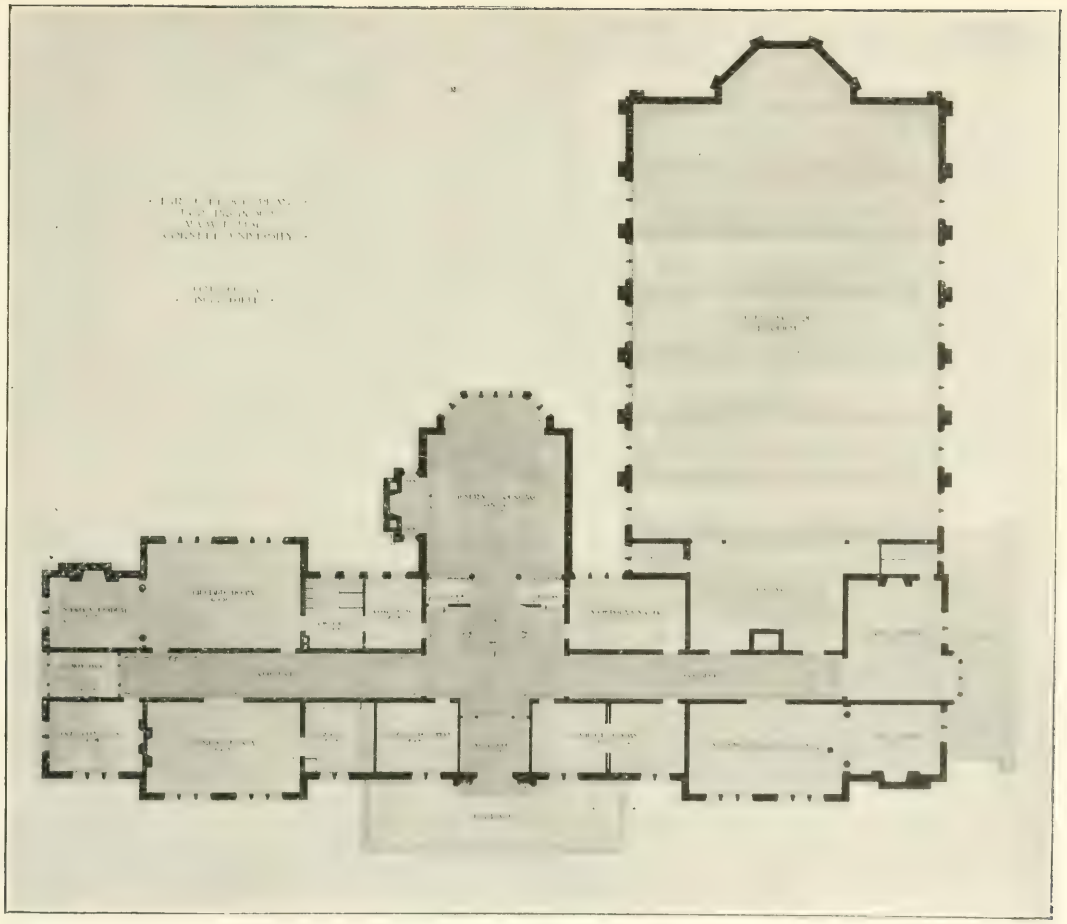
LORD, HEWLETT & HULL, Architects, New York

T SQUARE CLUB COMPETITION
ILLUSTRATING A QUOTATION FROM POETRY
Second Mention J. J. Bissinger, Philadelphia



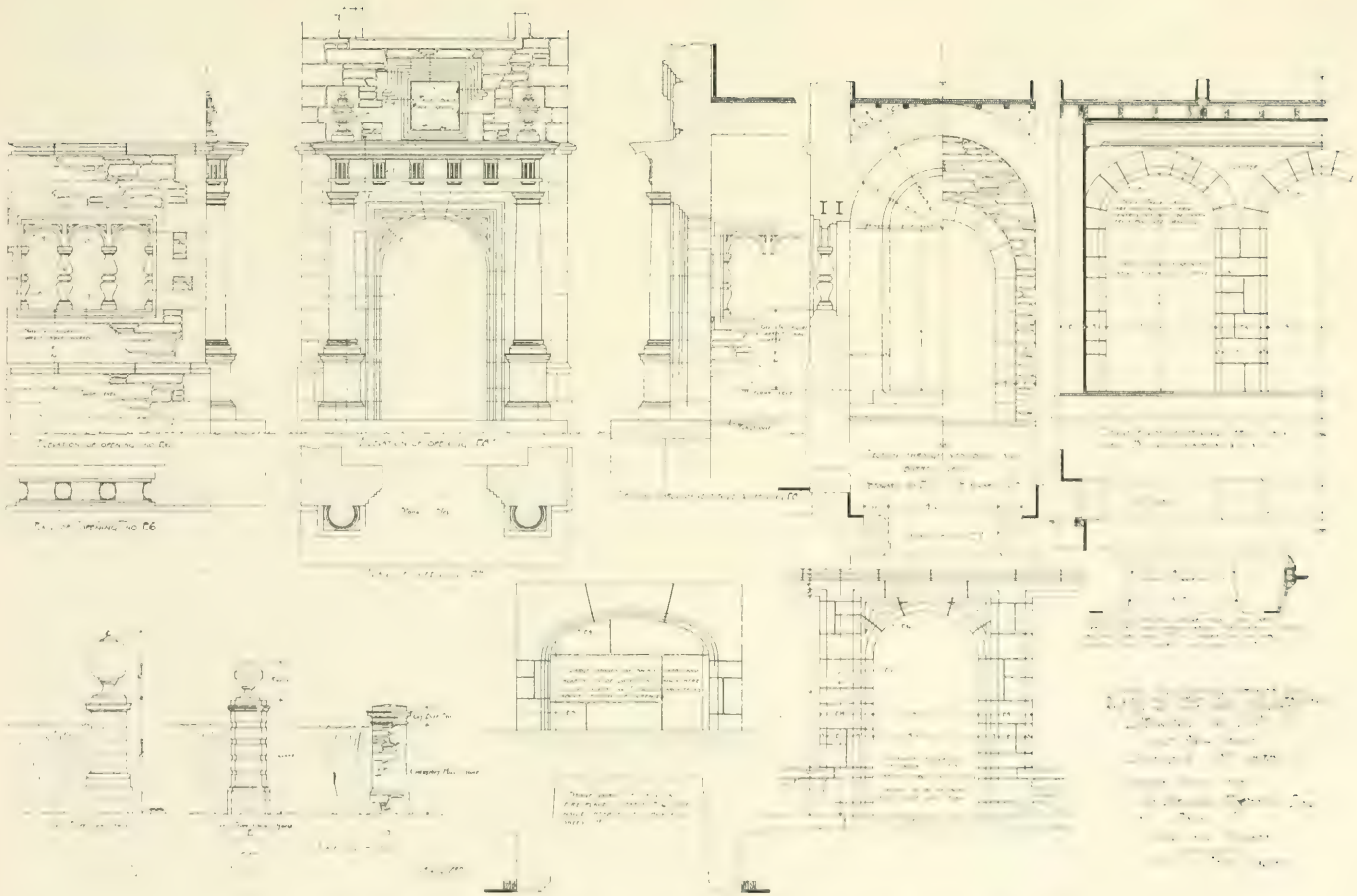
GROUND FLOOR PLAN
COMPETITIVE DESIGN FOR WILKESBARRE COURT HOUSE
Lord, Hewlett & Hull, Architects, New York

PERSPECTIVE VIEW
ONE OF THE PREMIATED DESIGNS FOR THE
PROPOSED ALUMNI HALL, CORNELL UNIVERSITY, ITHICA, N. Y
HUBBELL & BENES, Architects, Cleveland



GROUND FLOOR PLAN
ONE OF THE PREMIATED DESIGNS FOR THE
PROPOSED ALUMNI HALL, CORNELL UNIVERSITY, ITHACA, N. Y.
HUBBELL & BENES, Architects, Cleveland

ELEVATIONS OF RESIDENCE AT OVERBROOK, PHILADELPHIA
FOR G. BRINTON ROBERTS, Esq.
FIELD & MEDARY Architects Philadelphia



A SHEET OF STONE DETAILS FOR RESIDENCE AT OVERBROOK, PHILADELPHIA
FOR G. BRINTON ROBERTS, Esq.
FIELD & MEDARY, Architects, Philadelphia

PHOTOGRAPH OF THE FRONT OF THE ROBERTS RESIDENCE

FIELD & MEDARY, Architects, Philadelphia

VIEW OF CARPANETO—BIRTHPLACE OF LEO XIII

Drawing by HARRY FENN

By courtesy of the CENTURY CO.

Copyrighted by the CENTURY CO.

Classified List of Advertisers

ARCHITECTURAL WOOD WORK

PAGE

Barber, John 158
Ragatz & Son, John H. 172
Watson & Robinson 104

ART METAL WORK

deKosenko Mfg. Co., The 124
Hecla Iron Works 156
Gaumer Co., John L. 170
Purling & Co., Wm. 212
Shannon Mfg. Co., The 136
Stephens, Cooper & Co. 160
Yale & Towne Mfg. Co., The 138

ARTISTS' MATERIALS

Faber's, A. W. 217
Higgins & Co., Chas. M. 212

BLUE PRINTS

Blumhard, C. A. 184

BOILERS

American Radiator Co. . . . . Second Cover
Babcock & Wilcox Co., The . . . . . Fourth Cover
Model Heating Co. (Abram Cox Stove Co.) 182
Smith & Co., The H. B. 222

BRICKLAYERS AND CONTRACTORS

Atkinson, John 164
Stewart & Co., Charles 176

BRICK MANTELS

Philadelphia and Boston Face Brick Co. . . 166

BRICK MANUFACTURERS AND DEALERS

American Enameled Brick and Tile Co. . 166
Conway, William 140
Eastern Hydraulic-Press Brick Co. 154
Ketcham, O. W. 122
Kittanning Brick and Fire Clay Co. . . . 122
Philadelphia and Boston Face Brick Co. . . 166
Sayre & Fisher Co. 150
Vogels, G. R 166

CEMENT

American Cement Co. 172
Atlas Cement Co. 112
French & Co., Samuel H. 156
Meier's Cement 156
Sears, Humbert & Co. 140
Vollmer & Register 112
Warner Co., Charles. 212

CONTRACTORS AND BUILDERS

PAGE

Anns Co., Philip 162
Appleton & Burrell 160
Ballinger & Co., R. C. 124
Dougherty, Wm. R. 166
Fritzinger, John W 180
Lengel, Jonathan D. 130
Little & Son, Thos. 164
Myers & Sons, Jacob 168
Riggs, Frank S. 164
Seeds, Thos. M., Jr. 170
Sipps, Geo. L. 184
Tourison, Ashton S. 224
Whitehead, A. 186
Wiggins, John R. 182

CORNER BEAD

Merritt & Co. 192–193

DECORATORS AND FURNISHERS

Chapman Decorative Co., The 158
Haberstroh & Son, L. 178
Karcher & Rehn Co. 176
Petry & Bazin 128

DECORATIVE GLASS

French & Co., Samuel H. 156
Heinigke & Bowen 152
Tiffany Glass & Decorating Co. 152

DOOR CHECKS

Toler, Sons & Co., J. 215

DOOR HANGERS

Lane Brothers 221

ELECTRICAL CONTRACTORS AND ENGINEERS

Buchanan & Co., J. F. 178
Francis Bros. & Jellett, Inc. 144
Keller, Pike & Co. 170

ELECTRICAL APPLIANCES

American Circular Loom Co. 142

ENGINES (PUMPING)

Rider-Ericsson Engine Co. 212

ENGINEER (STRUCTURAL)

Grantham, Herbert T. 162

ENGRAVING, Etc.

Electro Tint Engraving Co. 172

EXPANDED METALS

PAGE
Merritt & Co. 192–193

FILTERS

Loomis-Manning Filter Co. 222
New York Filter Mfg. Co., The 158

FINE ARTS

Doll & Richards 182

FIRE BRICKS AND RETORTS

Borgner Co., Cyrus 221
Ketcham, O. W. 122

FIRE HYDRANTS

Dilkes & Co., Frank W. 136

FIRE PLACE FITTINGS

Craft & Niemann 102
Sharpless & Watts 186

FIREPROOF BUILDING MATERIALS

Ketcham, O. W. 122
Merritt & Co. 192–193
Rapp, W. John 108
Roebling Construction Co 188–189
Standard Plastic Mfg. Co. 186

FLOOR WAX

Barron, Boyle & Co. 220

FURNACES AND RANGES

Makin-Kelsey Heating and Mfg. Co. . . . 214
Model Heating Co. (Abram Cox Stove Co.) 182
Reynolds & Son, J. 140

GAS AND ELECTRIC FIXTURES

American Gas Fixture Works 126
deKosenko Mfg. Co., The 124

GLASS

Pittsburgh Plate Glass Co. 174

HARDWARE

Bayer, Gardner & Himes . . . . . Third Cover
Corbin, P. & F. 196–197
Fields Sons, Charles J. 160
Murta, Appleton & Co. 128
Reading Hardware Co. 190–191
Russell & Erwin Mfg. Co. 114
Yale & Towne Mfg. Co., The. 138

HEATING AND VENTILATING

Innes Bros. 178
Leinau M. 172
Sturtevant Co., The B. F. 184
Warren, Webster & Co. 198–199

HORTICULTURAL ARCHITECTS

Hitchings & Co. . . . . Third Cover

INKS AND DRAWING MATERIALS

Faber's, A.W. 217
Higgins & Co., Chas. M. 212

INSURANCE AND INSPECTION (Boilers)

Hartford Steam Boiler Inspection and Insurance Co. 176

IRON

STRUCTURAL AND ORNAMENTAL

PAGE
Cambria Steel Co. 106
Carnegie Steel Co., Ldt., The 150
Hecla Iron Works 156
Levering & Garrigues 166
Merritt & Co. 192–193
Purling & Co., Wm. 212
Shannon Mfg. Co., The 136

MANTELS

Craft & Niemann 102
Philadelphia and Boston Face Brick Co. . 166
Sharpless & Watts 186
Vogels, G. R. 166

MARBLE DEALERS

Gray & Sons, Wm. 168
Hilgartner & Son 174

MARBLE, IMITATION

Mycenian Marble Co. 120
Stephens, Cooper & Co. 160

MILL WORK

Watson & Robinson 104

MODELLERS AND CARVERS

Bode, Emil A. 158
Elder, Henry C. 182
Stephens, Cooper & Co. 160
Whitman & Co., J. Franklin 120

PACKERS AND SHIPPERS

Budworth & Son, W. S. 222

PAINTING, DECORATING AND PAPER HANGING

Black & Son, F. A. 166
Chapman Decorative Co., The 158
McCarron, M. 168
McCarter & Son, Wm. 170
Petry & Bazin 128

PAINTS, OILS AND VARNISHES

Berry Brothers, Ltd. 200–201
Bridgeport Wood Finishing Co., The . . . 148
Crockett Co., David B. 215
French & Co., Samuel H. 156
Lucas & Co., John 144–148
New Jersey Zinc Co., The 110
Waterall & Co., Wm. 130
Yarnall, H. E. & D. G. 176

PAPERS

Garrett-Buchanan Co. 154

PARQUET FLOOR, GRILLES

Heaton & Wood 162

PHOTOGRAPHS

Dillon, Jas. L. 162

PIPE COVERING

Magnesia Covering Co. 174

PLASTER MANUFACTURERS

PAGE

Keystone Plaster Co.,The 206–207
King & Co., J. B. 126

PLASTERERS

Allen & Son, Jas. T. 178
Reeves, J. W. & C. H. 180

PLUMBER

Leinau, M. 172

PLUMBING GOODS AND SANITARY SPECIALTIES

Haines, Jones & Cadbury Co. . 208, 209, 210, 211
Hydraulic Specialty Co. 194–195
McCambridge & Co., Ltd. 118
Meyer-Sniffin Co., Ltd., The 174
Mott Iron Works, The J. L. 223
Stambach & Love 146
Standard Mfg. Co. 202–203

PRINTING

Buchanan & Co.,George H. 224

PRISMATIC LIGHTS

Daylight Prism Co. 216

RADIATORS

American Radiator Co. . . . . Second Cover
Smith Co., The H. B. 222

REFRIGERATORS

Keystone Refrigerator Co. 180
Ridgway Refrigerator Co. 134

REGISTERS

Calvert & Holloway 146
Highton & Sons, Wm. 224

ROOFING MATERIALS

Garrett-Buchanan Co. 154
Warren Chemical and Mfg. Co. 220

ROOFING AND SHEET METAL WORK

Brown, J. E. 180

ROOFING TILES

Ketcham, O. W. 122

ROOFING TIN

Calvert & Holloway 146
Gummey, McFarland & Co. 104
McClure & Co 186

RUBBER TILE, INTERLOCKING

New York Belting and Packing Co. . . . 204–205

SAFETY TREAD

American Mason Safety Tread Co. 132

SASH CHAINS

Bridgeport Chain Co. 216
Smith & Egge Mfg. Co., The 214

SASH CORDS

Samson Cordage Works,The . . . . . Third Cover
Silver Lake Co. 132

SASH PULLEYS

Norris Sash Pulleys 221

SHINGLE STAINS

Cabot, Samuel 220
Dexter Bros. 223

STONE DEALERS AND CONTRACTORS

Gray & Sons, Wm. 168
Hilgartner & Son, L. 174
Hummelstown Brown-Stone Co. 138
Kolb, John 184
Maine and New Hampshire Granite Co. . 218

TEMPERATURE REGULATION

Johnson System of Automatic Temperature Regulation 134

TERRA COTTA

Conkling-Armstrong Terra Cotta Co. 213
Ketcham, O. W. 122
Perth Amboy Terra Cotta Co. 116
Standard Terra Cotta Co. 180–181

TILES AND MOSAICS

American Encaustic Tiling Co., Ltd. . . . 142
American Enameled Brick and Tile Co. . . 166
Craft & Niemann 102
French & Co., Samuel H. 156
Sharpless & Watts 186

VALVES

Dilks & Co., Frank W. 136

VENETIAN BLINDS

Elder, Henry C. 182
Wilson, Jas. Godfrey 216

VENTILATORS

Berger Bros. Co. 219

WALL COATING

Muralo Co., The 104

WALL PLASTER

King & Co., J. B. 126
French & Co., Samuel H. 156
Keystone Plaster Co.,The 206–207

WATER FILTERS

Loomis-Manning Filter Co. 222
New York Filter Mfg. Co., The 158

WATER HEATER

Monarch Water Heater Co. 220

WEATHER STRIPS

Chamberlain's Metal Weather Strip . . . 219
Heaton & Wood 162

WINDOW SCREENS

Burrowes & Co., The E. T. 100

WIRE GOODS

Darby & Sons, Edward (Penna. Wire Works) 168
Merritt & Co. 192–193

WOOD FINISHINGS

Bridgeport Wood Finishing Co., The . . . 148

THE E. T. Burrowes Company

ESTIMATES FURNISHED

WORK AND MATERIAL GUARANTEED

PORTLAND, MAINE

WIRE SCREENS

Largest Factories in the World

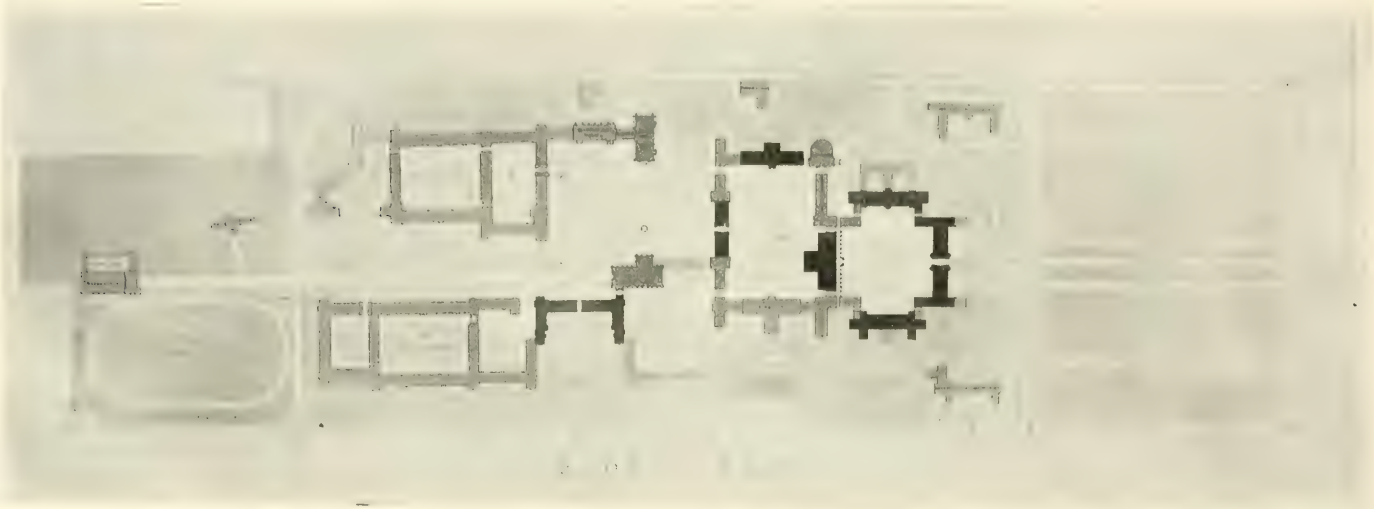
WE MAKE A SPECIALTY of screening private houses, use only clear, selected, seasoned lumber, and aim to have our screens in every detail as good as they can be made. We sell directly to owners of houses, and refer to thousands of well-known men, whose houses we have screened in all parts of the country. Write us and we will send you hundreds of references (our customers) in your State.

PHILADELPHIA OFFICE

707 REAL ESTATE TRUST BUILDING

S. E. COR. BROAD AND CHESTNUT STREETS

A. E. SNOWMAN, Manager



BLOCK PLAN OF ACCEPTED DESIGN FOR WASHINGTON UNIVERSITY, ST. LOUIS, MO.

COPE & STEWARDSON, Architects, Philadelphia

AGRICULTURAL BUILDING, OMAHA EXPOSITION, 1898.

Craft & Niemann

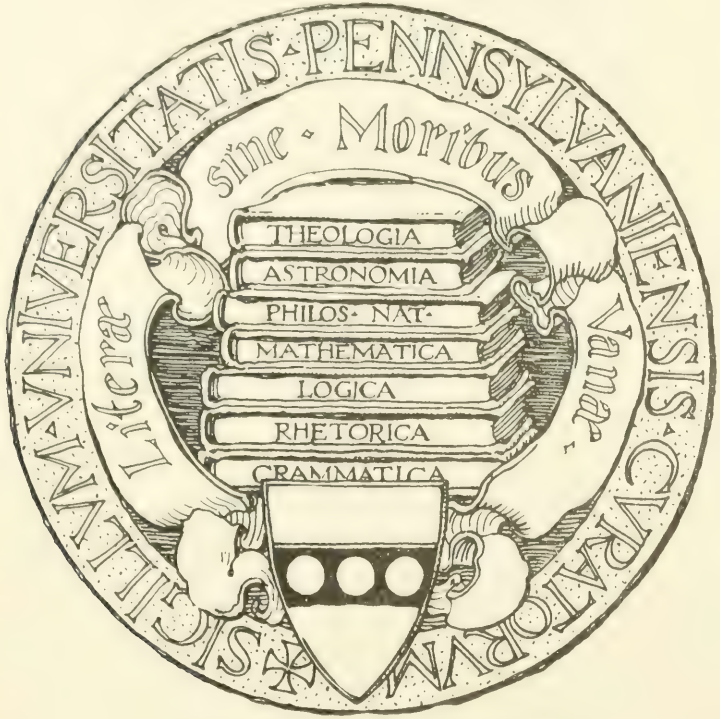
1430 Chestnut Street

A CORNER OF OUR TILE AND MANTEL SHOP

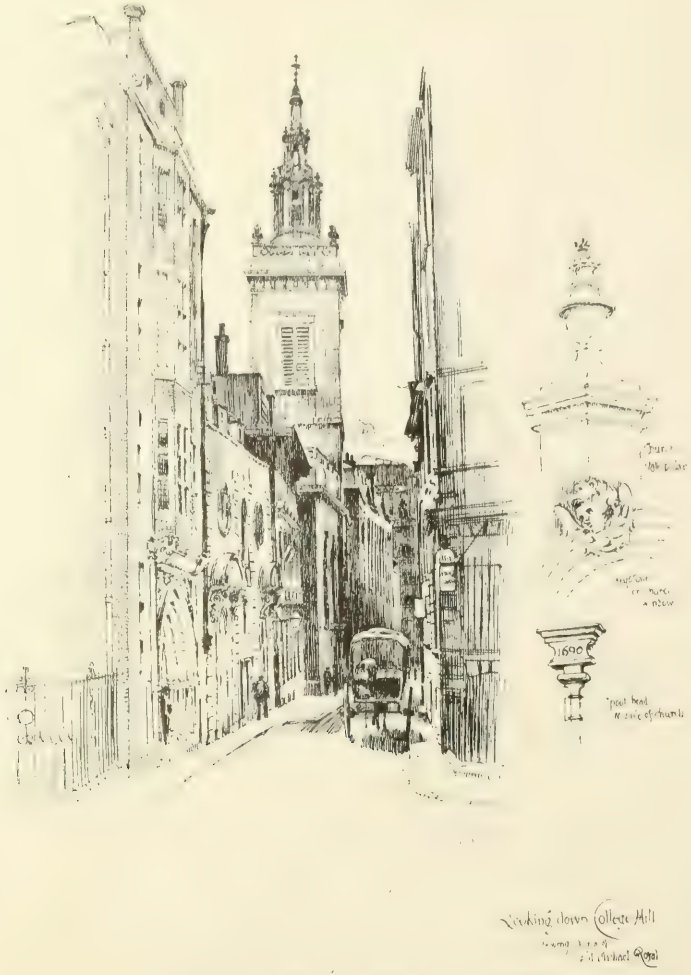
Exclusive Effects **Tiles for all Purposes**

Mantels and Fire-place Furnishings

Popular Prices



ACCEPTED DESIGN FOR THE GREAT SEAL
OF THE UNIVERSITY OF PENNSYLVANIA
By Alfred Morton Griffins, Philadelphia



LOOKING DOWN COLLEGE HILL, LONDON
SHOWING CHURCH OF ST. MICHAEL ROYAL
Sketch by T. Raffles Davison, London

G. A. P. H. Genuine Charcoal Iron Tin Plates

GUMMEY'S ANTI-PIN HOLE

Made from genuine charcoal iron. Sheets hand dipped. Made same as plates seventy-five years ago. Best plates for roofing, gutters, valleys, &c. Superior to sheet copper and costs much less. We have in our office a list of buildings throughout the United States that are covered with these plates.

TRADE MARK REG'D BRAND

"PENNSYL" OLD METHOD ROOFING PLATES

TREBLE COATED OLD STYLE PLATES MADE BY PALM OIL PROCESS
NO ACID FLUX USED. NO BETTER PLATE CAN BE MADE

GUMMEY, McFARLAND & CO.

PHILADELPHIA

ALFRED C. WATSON JOHN ROBINSON

WATSON & ROBINSON

49 to 63 Queen Street
Germantown
Philadelphia

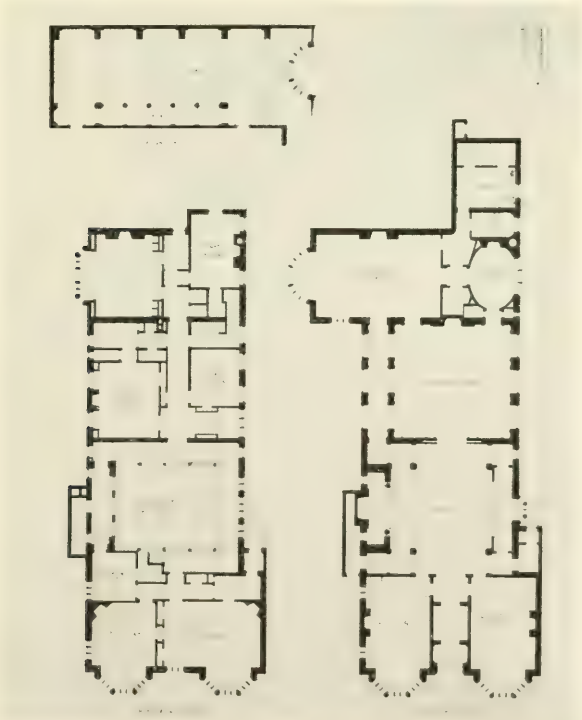
WOOD WORKING MILL

Stair Building
Mantels
Fine Cabinet and
Interior
Woodwork
Of every
Description

Window and
Door Frames
Sash, Shutters, Blinds
Wood Mouldings

Being fitted up with the latest improved machinery, dry kiln, etc., we are prepared to furnish the best quality work on the most reasonable terms.

Estimates furnished.



A VIEW IN THE HALL AND PLANS OF A HOUSE ON LOCUST STREET, PHILADELPHIA

FRANK MILES DAY & BRO., Architects, Philadelphia

Cambria Structural Steel

BEAMS, CHANNELS, TEES, ZEES, ANGLES,
GIRDERS, COLUMNS, TRUSSES, ETC.

Designs and Estimates made for Structural Work

CAMBRIA STEEL COMPANY

GENERAL OFFICE

Harrison Building, 15th and Market Streets

PHILADELPHIA

F. E. BAILEY, Structural Steel Sales Agent for Eastern Penna.

WORKS AT JOHNSTOWN, PA.

OTHER OFFICES

NEW YORK, 71 Broadway
H. L. Waterman

BOSTON, 70 Kilby Street
H. W. Hayes

CHICAGO, 209 Western Union Building
C. J. Ellis—A. F. McIntyre

CLEVELAND, Perry-Payne Building
Bourne-Fuller Co.

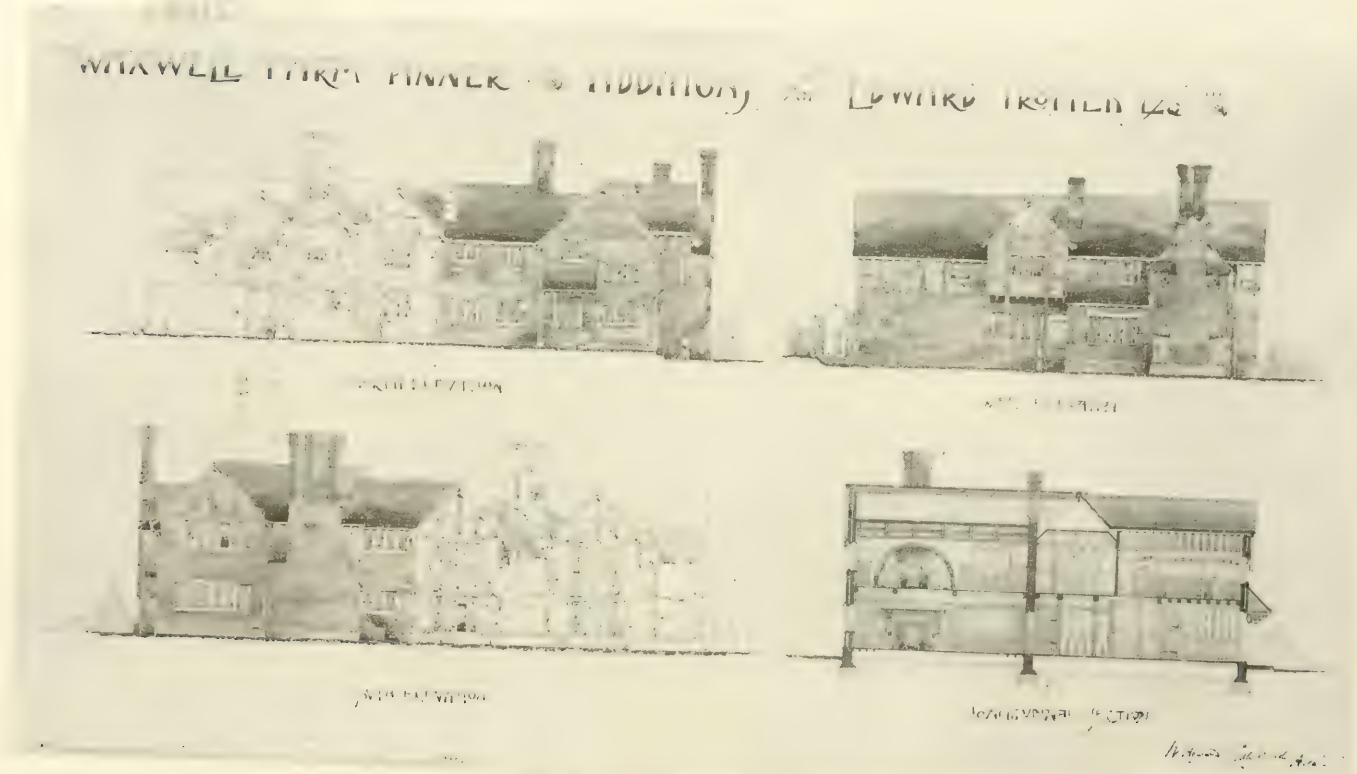
CINCINNATI, Neave Building
J. L. Adams

ST. LOUIS, Eighth and Olive Streets
H. P. Hubbell

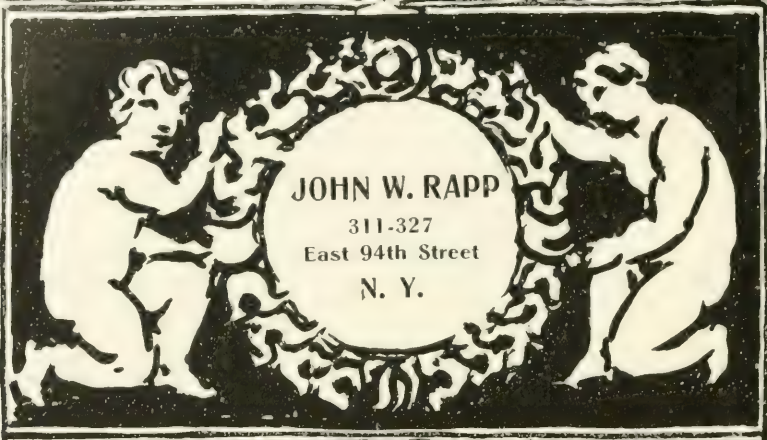
ATLANTA, 325 Decatur Street
F. I. Stone

PITTSBURG, 818 Park Building
Wm. McLain

NEW ORLEANS, 203 Carondelet Street
S. L. Mitchel



ADDITIONS TO WAXWELL FARM, PINNER, ENGLAND
W. HAROLD SMITH-SMITH, Architect, London



JOHN W. RAPP SYSTEM ARCH FLOOR CONSTRUCTION

FIRE-PROOF DOORS
PATENT FIRE-PROOF PARTITIONS
METAL COVERED WOODWORK

F. E. BAILEY
AGENT
Harrison Building
PHILADELPHIA, PA.

H.W. HAYES & CO.
AGENT
70 Kilby Street
BOSTON, MASS.

WOMBOURNE WODEHOUSE, VIEW FROM NORTHWEST

WOMBOURNE WODEHOUSE, WOLVERHAMPTON, ENGLAND
ELEVATION OF SOUTH FRONT
C. R. ASHBEE, Architect, London

Paints in Architecture

Architects' Specifications

IT is a common practice to specify for exterior painting a priming coat of lead or of ochre and oil, succeeded by one or two coats of pure lead, though sometimes the more careful architects will order the addition to the finishing coat of a certain proportion of zinc "to hold the lead in place." It is generally better practice to use a goodly proportion of Zinc White throughout, from which the best results will be obtained if the materials are thoroughly combined by mechanical grinding.

For interior work, specifications should require zinc to the exclusion of lead. The result will be more satisfactory in beauty, durability, healthfulness and economy, as no paint containing an appreciable proportion of lead will hold its color in an atmosphere where gas or coal is burned, or where there is any trace of effluvium from closets, etc. Besides, all lead paints are liable to "chalk" with the production of poisonous dust.

The New Jersey Zinc Company

71 Broadway, New York

A full discussion of this subject will be found in our Pamphlet "PAINTS IN ARCHITECTURE," sent free upon request.

STUDY FOR TOWER

MACHINERY AND TRANSPORTATION BUILDING, PAN-AMERICAN EXPOSITION, 1901

GREEN & WICKES, Architects, Buffalo

A BULLETIN BOARD

Designed by ELLEN MACAUTEY, Philadelphia

The Largest Plant in the United States.

Atlas Portland Cement Co.

MANUFACTURERS OF

ATLAS PORTLAND CEMENT

Standard American Brand
Highest Test of all brands used by
United States Government

FINENESS, STRENGTH and
UNIFORMITY GUARANTEED

MAIN OFFICE
143 Liberty Street
New York

Philadelphia Office
Vollmer & Register
716 and 717
Harrison Building

BUILDINGS FOR HORTICULTURE, FORESTRY AND GRAPHIC ARTS FOR THE
PAN-AMERICAN EXPOSITION AT BUFFALO, N. Y.
PEABODY & STEARNS, Architects, Boston

McKIM COMPETITION, 1897, PRIZE
A SCHOOL OF ARCHITECTURE—FAÇADE
By W. E. PARSONS, Columbia University, New York City

Russell & Erwin Manufacturing Co.

HARDWARE

of every description

Special Designs from our own and Architects' Drawings ... Artistic Bronze Hardware in every school of Architecture

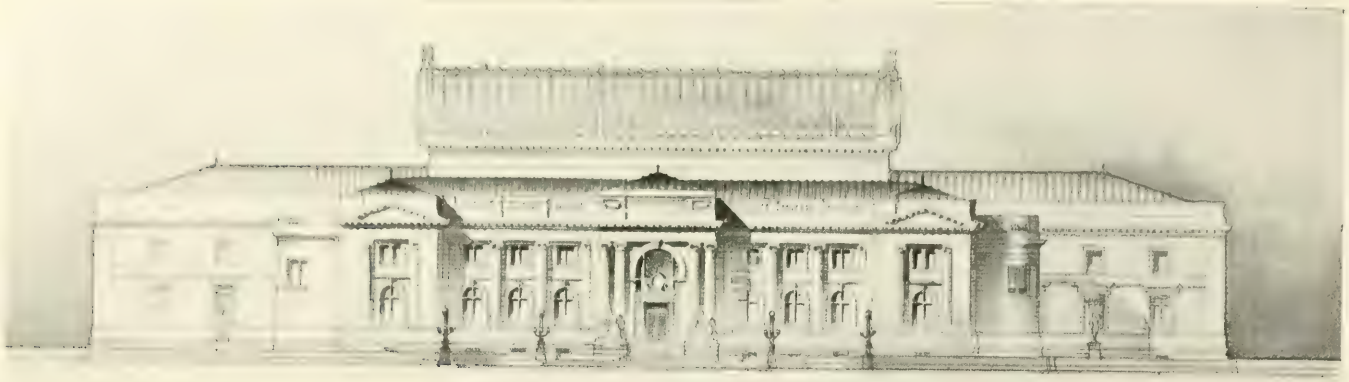
Manufacturers of the

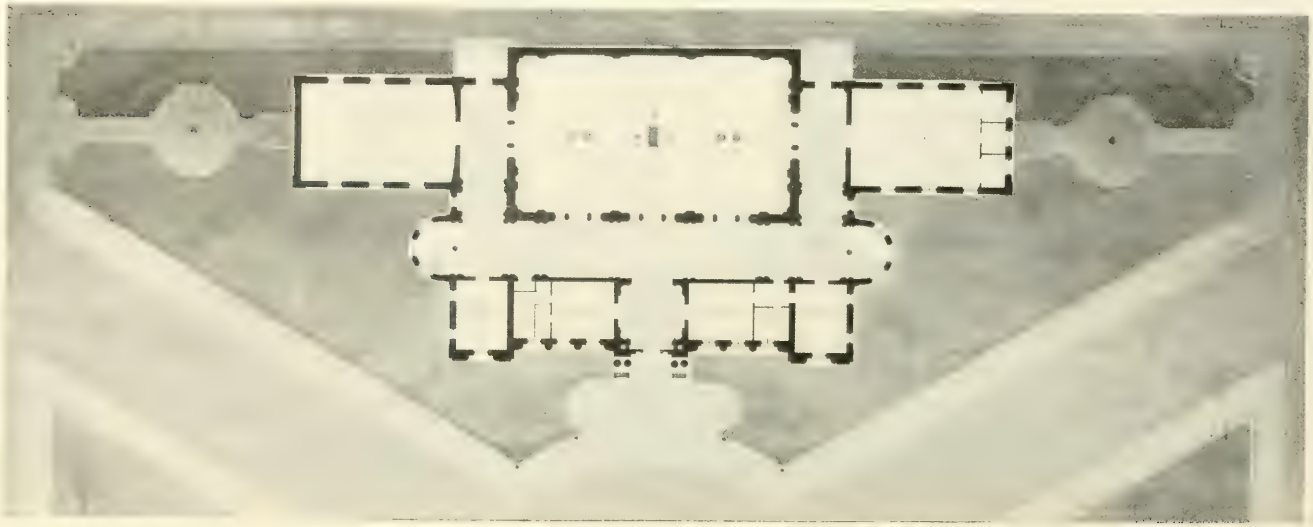
Columbia Cylinder Locks

Factory
New Britain Conn.

Office and Showrooms
19 North Fifth St. Philadelphia

Warehouses
New York Baltimore London Eng.





THIRD COMPETITION FOR THE JOHN STEWARDSON MEMORIAL SCHOLARSHIP

A SCHOOL OF ARCHITECTURE AND MUSEUM FOR CASTS—FAÇADE AND GROUND PLAN

ARTHUR HOWELL BROCKIE, Philadelphia. Awarded Traveling Scholarship 1899-1900

THE PERTH AMBOY TERRA-COTTA COMPANY

OF

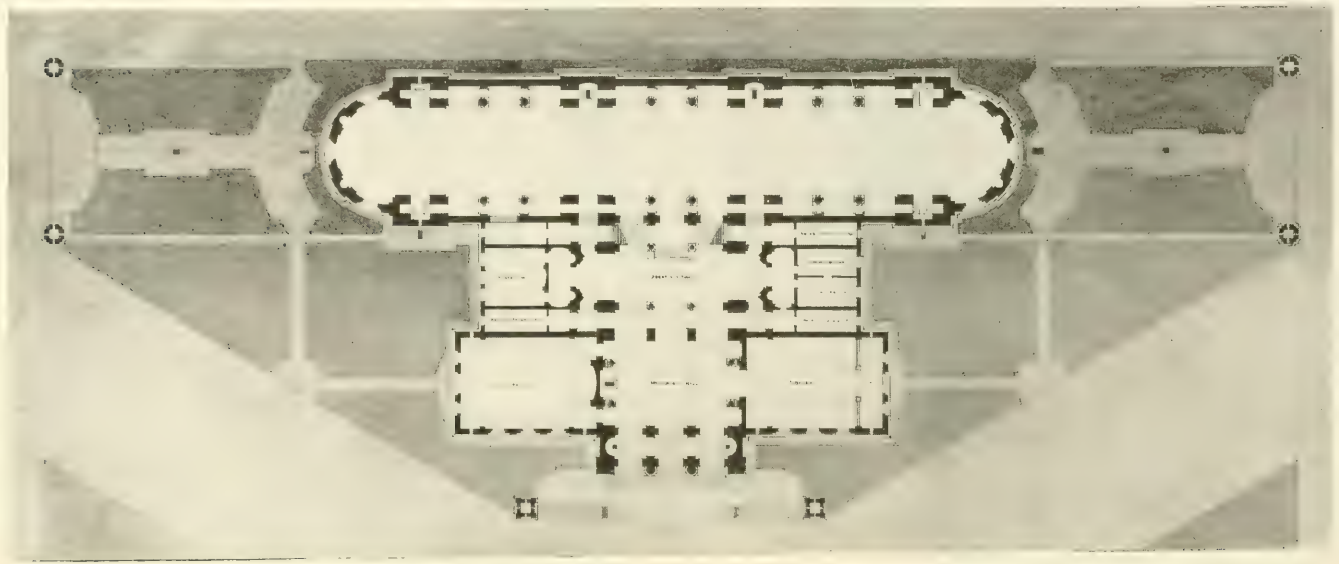
PERTH AMBOY, N. J.

New York Office
160 Fifth Avenue

ARCHITECTURAL TERRA-COTTA

AND

SPECIAL COLORED FRONT BRICK



THIRD COMPETITION FOR THE JOHN STEWARDSON MEMORIAL SCHOLARSHIP

A SCHOOL OF ARCHITECTURE AND MUSEUM FOR CASTS—FAÇADE AND GROUND PLAN

LLOYD TITUS, Philadelphia. Awarded First Honorable Mention

McCambridge & Co.

Limited

Manufacturers of . .

HOUSE AND SHIP
PLUMBING SUPPLIES
AND
SPECIALTIES

Works
Office
and Salesrooms

523, 525 and 527 Cherry Street

Philadelphia, Pa.

TWO VIEWS OF "THE STORES," GLENSIDE, PA.

LAWRENCE VISSCHER BOYD, Architect, Philadelphia

·CARVERS·
·MODELERS·
CASTERS IN
PLASTER·
·PAPIER·MACHE·
·CARTON·PIERRE·
·CEMENT·&
·BRONZE·

·MANTELS·
·ALTARS
·PVLPITS·AND·
·FONTS
·IN STONE & WOOD·

·J·FRANKLIN·WHITMAN·&·CO·
·410·SANSOM·STREET·
·PHILADELPHIA·PA·

·MANVFACTVRERS·OF·
·ORNAMENTAL·
COMPOSITION
STONE·
FOR INTERIOR·
AND·EXTERIOR
CONSTRVCTION·

AGENTS FOR·
·MYCENIAN
·MARBLE·CO·
·OF·
NEW·YORK

ARTIFICIAL MARBLE

The only Artistic and
successful Imitator of
all the Rich Colored
Marbles is the

MYCENIAN MARBLE CO.

524-526 West 34th Street
New York

REPRESENTED BY
J. FRANKLIN WHITMAN & CO.
410 SANSOM STREET, PHILADELPHIA, PA.

FIRE ENGINE HOUSE, 31st AND GRAY'S FERRY ROAD, PHILADELPHIA
CHAS. F. OBERSCHLAGER, Architect, Philadelphia

ENTRANCE TO "CLIFF TOWERS," DEVONSHIRE, ENGLAND
C. HARRISON TOWNSEND, Architect, London

Kittanning Brick
And Fire Clay
Company

Manufacturers of

HIGH GRADE
VITRIFIED

Face Brick

PITTSBURG, PA.

REPRESENTED BY

O. W. KETCHAM, Philadelphia, Pa.

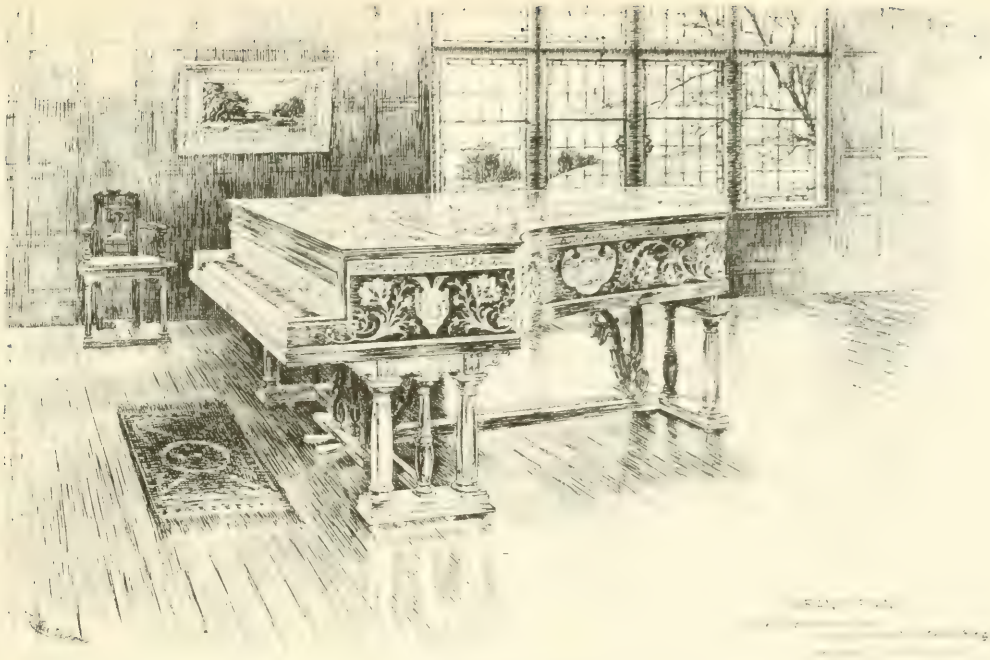
FISKE & CO., Boston
MEEKER, CARTER & BOORAEM, New York
BLACK & HUNT, Buffalo
E. R. DIGGS & CO., Baltimore
THOMAS MOULDING CO., Chicago
HOLMES, STRACHAN & CO., Detroit

Ornamental Terra Cotta
Fancy Front Brick
Enameled Brick
Fire Brick
Fire Proofing
Roofing Tile and all
Clay Products

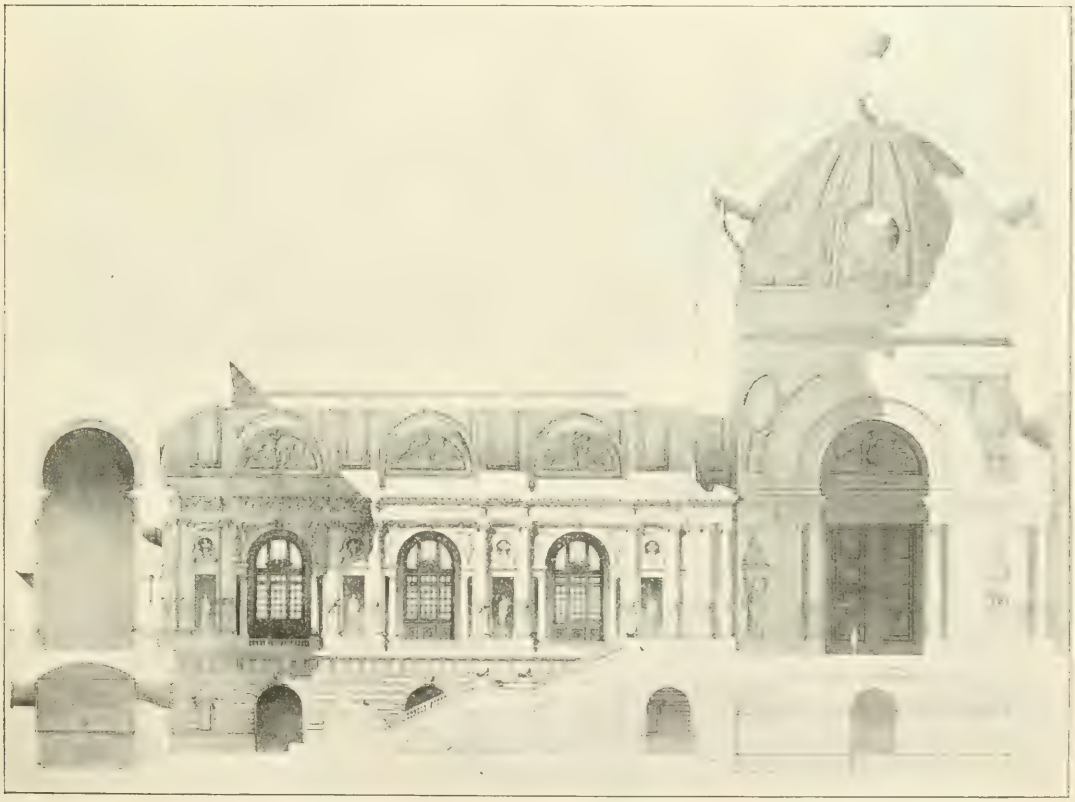
O. W. KETCHAM

BUILDERS' SUPPLIES
IN CLAY PRODUCTS

24 South Seventh Street
Philadelphia, Pa.



A GRAND PIANO
Drawing by T. Raffles Davison, London



A STAIRCASE FOR A STATE CAPITOL. I. W. HOOVER.
ONE OF THE DRAWINGS ACCEPTED FOR PRIZE MEMBERSHIP IN THE T SQUARE CLUB, FROM THE UNIVERSITY OF PENNSYLVANIA—SCHOOL OF ARCHITECTURE.

THE DE KOSENKO
MANUFACTURING CO.

DESIGNERS AND MAKERS OF

ELECTROLIERS, FIXTURES
FOR GAS
MEMORIAL TABLETS AND
ART METAL WORK IN BRASS
BRONZE AND IRON

Temporary Office
43 NORTH BROAD STREET

Factory
N. E. Cor. 19th and Hamilton Sts.

PHILADELPHIA, PA.

RICHARD C. BALLINGER ERNEST R. YARNALL

R. C. Ballinger & Company

CARPENTERS
BUILDERS
CONTRACTORS

OFFICE
218 North 13th Street

SHOP
Reno above 13th Street

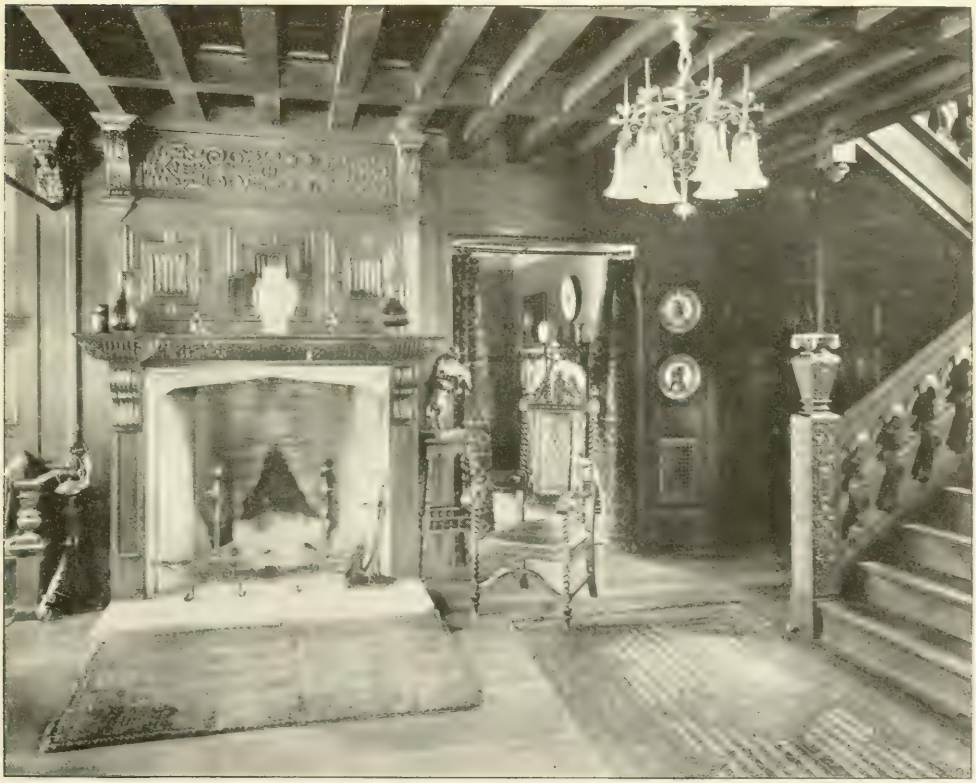
TELEPHONE No. 3-2615

Members Master Builders' Exchange, PHILADELPHIA

STUDY FOR A PERISTYLE

G. W. & W. D. Hewitt, Architects, Philadelphia

Rendered by Phineas E. Paist



VIEW IN THE HALL, A HOUSE IN GERMANTOWN, PHILADELPHIA

David Knickerbacker Boyd, Lawrence Visscher Boyd, Architects, Philadelphia

American Gas Fixture Works

Designers and Manufacturers of

GAS AND ELECTRIC **FIXTURES**

Insulating Joints and Fittings
Grills, Tablets and Altar Work

Office and Salesroom, 208 North Broad Street

JOHN F. POLE *PHILADELPHIA, PA.*

King's Windsor Cement

for

Plastering Walls and Ceilings

A proof of its merits is that the Architects throughout the country specify it in their work. It is inexpensive, and makes durable and perfect walls and ceilings.

We note a few of the many Public and Private Buildings in this vicinity plastered with this material, viz.:

Broad Street Station, Pennsylvania Railroad
Land Title and Trust Co., Broad and Chestnut Streets
Mrs. Alexander Van Rensselaer's Residence, Camp Hill, Pa.
Baldwin Office Building, Allentown, Pa.
Mr. Allan H. Reed's Residence, Wayne, Pa.
Mr. Allan Evans' Residence, Bryn Mawr, Pa.
New Building, House of Correction, Holmesburg, Pa.
Phila. Saving Fund Society Building, Walnut St.
Fox Chase Bank, Fox Chase, Pa.
New Building, Germantown Hospital, Germantown
Mr Stanford B. Lewis' Residence, Swarthmore, Pa.
Apartment House, Sixteenth and Spruce Sts.
Spring Garden Institute—alteration Broad and Spring Garden Sts.

J. B. KING & CO.

SOLE PATENTEES AND MANUFACTURERS

21–24 State Street New York, N. Y.

Branch Office and Warehouse: Chester, Pa.

For Philadelphia Deliveries, apply to LESLEY & TRINKLE, Fairmount Ave. Wharf

A HOUSE IN TORONTO, CANADA
EDEN SMITH, Architect, Toronto

SKETCH FOR TRINITY BAPTIST CHURCH, PHILADELPHIA
SCHERMERHORN & REINHOLD, Architects, Philadelphia

MURTA, APPLETON & CO.

FINEST GRADES

General Building Hardware

IN ALL THE SPECIAL FINISHES

N. W. Cor. Market
and Eleventh Sts.

PHILADELPHIA

VICTOR J. PETRY HENRI BAZIN

· PETRY · & · BAZIN ·

· DESIGNERS · PRODUCERS · AND · IMPORTERS · OF ·

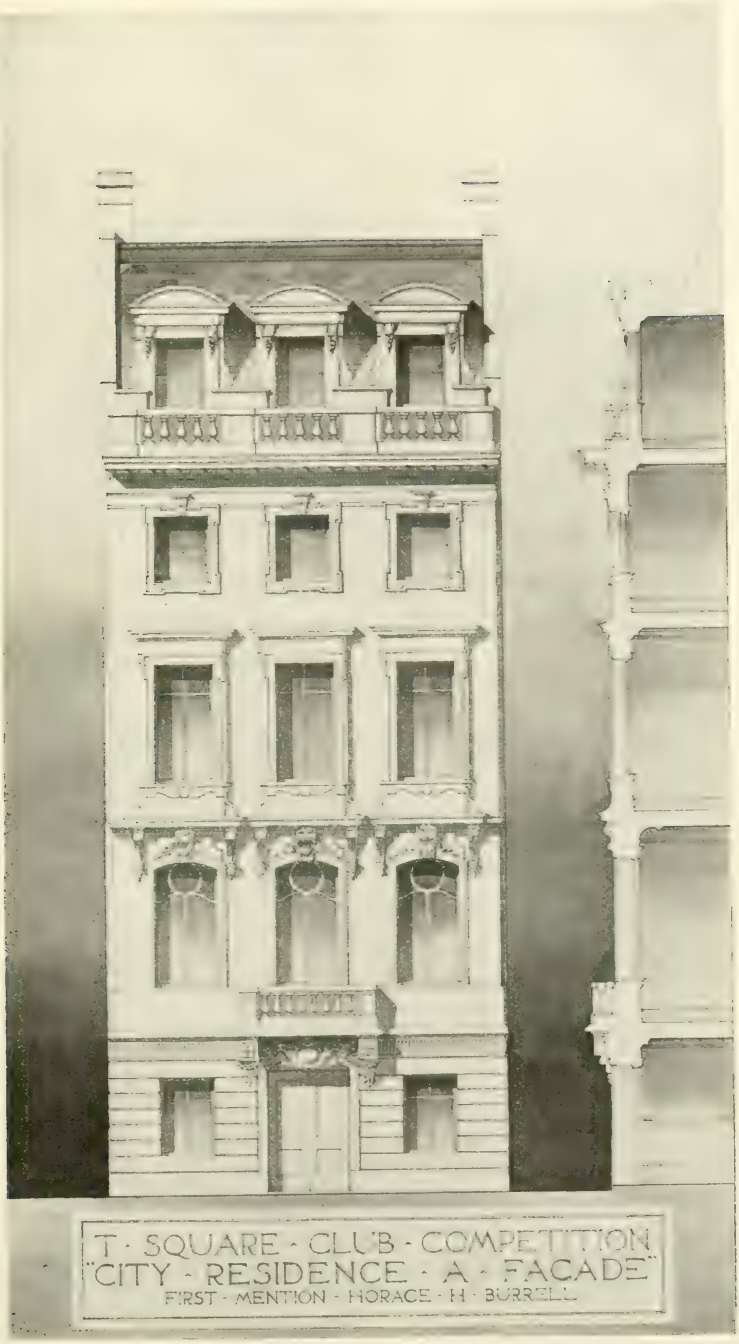
· INTERIOR · DECORATION ·

· CORRECT AS TO DETAIL AND PERIOD ·

FURNITURE, FABRICS, HANGINGS, AND
WALL PAPERS OF PROPRIETORY DESIGNS.

PLAIN AND DECORATIVE PAINTING.

1205 WALNUT STREET PHILADELPHIA, PA.


T · SQUARE · CLUB · COMPETITION
"CITY · RESIDENCE · A · FACADE"
FIRST · MENTION · HORACE · H · BURRELL

JONATHAN D. LENGEL

General Contractor and Builder

Wayne, Pa.

Suburban Work a Specialty

ARCHITECTS

have conceptions of color schemes that are very difficult to carry out unless their painters use

PURE COLORS

No matter how LITTLE they may be off the true shade the effect is lost by even that LITTLE adulteration. Our STANDARD COLORS will give the much sought after effects.

To give soft or cheap woods the beautiful tones of Walnut, Cherry, Rosewood, Mahogany or the different shades of oak,

Waterall's Wood Stains

are most effective. Sample and shade cards upon application.

PAINT AND
VARNISH MAKERS

WM. WATERALL & CO.
PHILADELPHIA

T SQUARE CLUB COMPETITION, SECOND MENTION
SKETCH FOR A GOTHIC TOWER
By JOHN MOLITOR, Philadelphia

THE GUILDHALL, CAMBRIDGE, ENG.
JOHN BELCHER, Architect, London
VIEW IN COUNCIL CHAMBER

A combination of metals for the protection of stairs and sidewalk lights

AN AGENT IN EVERY LARGE CITY

MASON SAFETY TREAD

NON-SLIPPING
UNWEARABLE

Specified by architects and engineers throughout the country for use in mercantile buildings, hotels, railroad stations, factories, school houses and other public buildings.

Information, references, blue prints, on application.

AMERICAN MASON SAFETY TREAD CO.

BOSTON, MASS.

L. H. MYRICK, 1011 Chestnut Street, Room 201, Philadelphia

SILVER LAKE "A"

FOR THIRTY YEARS THE STANDARD

A Safe Specification for SASH CORD

To prevent the substitution of an inferior article we put
OUR LABLE ON EVERY HANK
and as an additional protection
WE STAMP EVERY THREE FEET OF OUR CORD WITH OUR NAME

If you find "Silver Lake A" stamped on the cord it is
THE BEST CORD THAT CAN BE MADE

Send for samples

SILVER LAKE CO., Boston

PITTSBURGH FROM THE ALLEGHENY RIVER
Sketch by JOHN T. COMES, Pittsburgh

NEW BRIDGE OVER CHARLES RIVER, BETWEEN BOSTON AND CAMBRIDGE
WHEELWRIGHT & HAVEN, Architects, Boston

RIDGWAY REFRIGERATOR CO.

Office and Salesroom, 1433-35-37 Marshall St.
Factory, 1432-34-36 N. Sixth St., Phila., Pa.

E. B. ATKINS, Manager — Phone 52646

BUILDERS OF

Refrigerators

FOR

HOTELS — CLUBS — INSTITUTIONS, ETC.

We have a well-equipped plant and carry a large stock

TILE LINED FOR FAMILY USE A SPECIALTY

REFERENCES.—All leading Architects; Union League; Phila. Country Club; Bellevue, Stratford, Hanover, Bartram Hotels; Wanamaker, Gimbel Bros., Strawbridge & Clothier Restaurants; Deaf and Dumb Asylum, Mt. Airy; Phila. County Prison; Bryn Mawr College; Wernersville Insane Asylum; P. A. B. Widener; Wm. Elkins; Alex. Van Rensselaer; and many others.

Johnson System of Automatic Temperature Regulation

For Public and Office Buildings, Hospitals, Colleges, Schools and Residences. Contributes to comfort and health, and is a source of economy in fuel. Approved and endorsed by leading architects and engineers.

14 South Broad St.
Philadelphia

CARDIFF MUNICIPAL BUILDINGS, ENGLAND
Drawing by T. Raffles Davison, London

The Shannon Mfg. Co.

MANUFACTURERS OF

ARCHITECTURAL
AND...
ORNAMENTAL

IRON, BRASS AND BRONZE WORK

IRON STAIR WORK

OFFICE AND WORKS

S. W. Cor. 11th and Catharine Streets

PHILADELPHIA

FRANK W. DILKS & CO.

518 Arch Street Philadelphia, Pa.

LUDLOW GATE VALVES

AND FIRE HYDRANTS

None genuine without the Ludlow name, which appears on every valve and hydrant we make, and means

STANDARD OF MERIT

Valves for extreme high-pressures of steam, water, gas, oil, ammonia, etc., a specialty.

LUDLOW GOODS ARE RELIABLE

SPECIFY AND INSIST
UPON HAVING THEM

SEND FOR CATALOGUE

ALTERNATE DESIGN FOR EMMANUEL PARISH CHURCH, CLEVELAND, OHIO.
F. S. Barnum & Co., Architects, Cleveland.

DESIGN FOR A CHURCH
Dull & Coates, Architects, Philadelphia

ESTABLISHED 1837 BY ALLEN WALTON

HUMMELSTOWN BROWN-STONE CO.

ALLEN K. WALTON, Pres. and Treas.
ROBERT J. WALTON, Superintendent

QUARRYMEN AND MANUFACTURERS OF **BUILDING STONE**

Sawed Flagging and Tile

CONTRACTORS FOR ALL KINDS OF CUT STONE WORK

Parties visiting the Quarries will leave the cars at Brownstone Station, on the Philadelphia & Reading Railway.

Waltonville, Dauphin County, **Pa.**

Telegraph and Express Address, Brownstone, Pa.

The Yale & Towne Mfg. Co.

MAKERS OF

The Yale Locks,
Builders' Hardware,
Art Metal Work.

GENERAL OFFICES:

Nos. 9, 11 and 13 Murray St., New York.

LOCAL OFFICES:

Chicago, Philadelphia, Boston, San Francisco.

BRIDGE, LODGE AND GATES, NORTH MYMMS, HERTS, ENGLAND
ERNEST GEORGE & YEATES, Architects, London

SUMMER COTTAGE FOR MR. NATHAN STEIN, ONTARIO BEACH, N. Y.
BRAGDON & HILLMAN, Architects Rochester N Y.

LAFARGE CEMENT

The only Portland Cement that
does not stain lime stone, granite
and Marble.
Use it for outside stucco work.

SEARS, HUMBERT & CO.

81-83 Fulton Street
NEW YORK

434-436 Prudential Building
BUFFALO, N. Y.

34-36 Clart Street
CHICAGO

Telephone Connection

WILLIAM CONWAY

58th and Walnut Streets
PHILADELPHIA

Brick
Manufacturer

Our Specialty is Fine Hand-made "Cherry Red" Stretchers and Pressed Bricks

---

Ten Thousand of Our Furnaces in Use

and located in all parts of the United States. We can furnish reference for same. We keep on hand and can furnisn at the shortest notice

FIVE DISTINCT STYLES OF COOKING RANGES
INCLUDING OUR "B. AND C. KITCHENERS"

These ranges are the heaviest, most substantial and elegant in their general appearance now offered for sale. They are finisned with great care, and designed for first-class private kitchens or small hotels and restaurants; they have large ovens, plate rack and an open grate adapted for roasting in front. Cast iron Backs and Jambs, with Brass, Nickel, Bronze or Black Fronts to order.
A full line of Repairs for all French Ranges.

THE OLD FRANKLIN STOVE

When you want to know anything about our wares, ask! You will find it no trouble for us to give satisfaction.

"THE BEST IS THE CHEAPEST"
"A PERFECT HEATER"

Keystone Steel Furnace

WITH PATENTED SHAKING AND CLINKER-GRINDING GRATE
AND DUMPING ATTACHMENT

MANUFACTURED ..BY.. J. REYNOLDS & SON

1613 FILBERT STREET, PHILADELPHIA

COMPETITIVE DRAWING FOR NEW YORK CUSTOM HOUSE
ELEVATION ON BOWLING GREEN
TROWBRIDGE & LIVINGSTON, Architects, New York City

AMERICAN CIRCULAR LOOM CO.
TRADE MARK

FLEXIBLE CONDUIT

Manufacturers of

Flexible
Interior
Conduit

Selling Agents for

TRADE
Boston-ELECTRODUCT-Co.
MARK

Chelsea, Mass., U. S. A.

AMERICAN ENCAUSTIC TILING CO., LTD.

SANITARY INDESTRUCTIBLE VITREOUS FLOORING
GLAZED, ENAMELED AND DECORATED ART TILES

THIS COMPANY has solved the problem of a perfectly sanitary, indestructible tile floor, and takes pleasure in presenting same to architects and the trade.

We manufacture a large line of absolutely unabsorbant vitreous tiles in all sizes and colors, which, on account of their hardness, are considered the most sanitary floor material and will stand the severest usage.

They are used in some of our finest public and private buildings and in every modern hospital.

In our "AMERICAN MOSAIC" department, highly artistic tile mosiacs can be produced in any required design.

In addition we call attention to ¾" round tile (Alexander patent) which can be furnished in a great variety of colors and designs, and makes a most serviceable floor.

Our line of white and ivory wall, as well as gold and variously tinted decorated tiles of superior quality is unexcelled.

Special attention is called to a complete assortment of convex and concave angles, mouldings, caps and bases, which, in connection with our wall tile, are especially adapted for bathrooms and hospitals, and are the most modern and best sanitary feature introduced up to the present time.

Catalogues and special designs furnished on application.

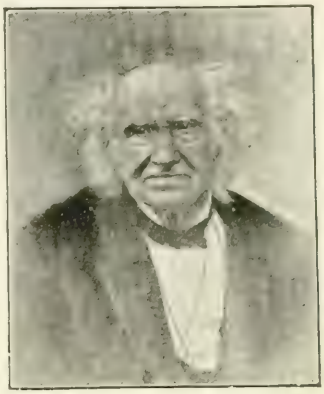
REPRESENTATIVE WORK
Philadelphia: Walton Hotel
Penn Mutual Building, etc., and others
New York: Astoria Hotel
Roosevelt Hospital, etc.

American Encaustic Tiling Co., Ltd.
New York Office, Townsend Building
1123 Broadway, Corner 25th St.
Works and Offices, Zanesville, Ohio

HOUSE, WOODSIDE, STANMORE, ENGLAND
Arnold Mitchell, Architect, London

COTTAGE AT RICKMANSWORTH, ENGLAND
Arnold Mitchell, Architect, London

Chevreul



The Father of the true principles of Color Harmony, applied his theories in a most successful manner as head of the world-famed Gobelin Tapestry Factories. We have applied his principles to the selection of colors for the exterior decoration of House and Home.

WRITE FOR OUR CARDS
THEY SHOW THE APPLICATION

John Lucas & Co.

NEW YORK PHILADELPHIA CHICAGO

CONTRACTORS FOR

ELECTRIC LIGHTING AND
ELECTRICAL WORK IN ALL BRANCHES
PLANS, SPECIFICATIONS AND
SUPERINTENDENCE FURNISHED

Francis Bros. & Jellett, Inc.

704 Arch Street
Philadelphia

70 Trinity Place
New York City

FRONT AND REAR VIEWS OF A RESIDENCE IN GERMANTOWN, PHILADELPHIA

LAWRENCE VISSCHER BOYD, Architect, Philadelphia

We solicit inquiries and specifications for

High Grade Hot Air Registers

and

"Monarch-Old-Process" Roofing Plate

HIGHEST QUALITY OBTAINABLE

Calvert & Holloway

TIN PLATE AND METALS

68 North Second Street Philadelphia

S. P. STAMBACH ROBERT LOVE

STAMBACH & LOVE

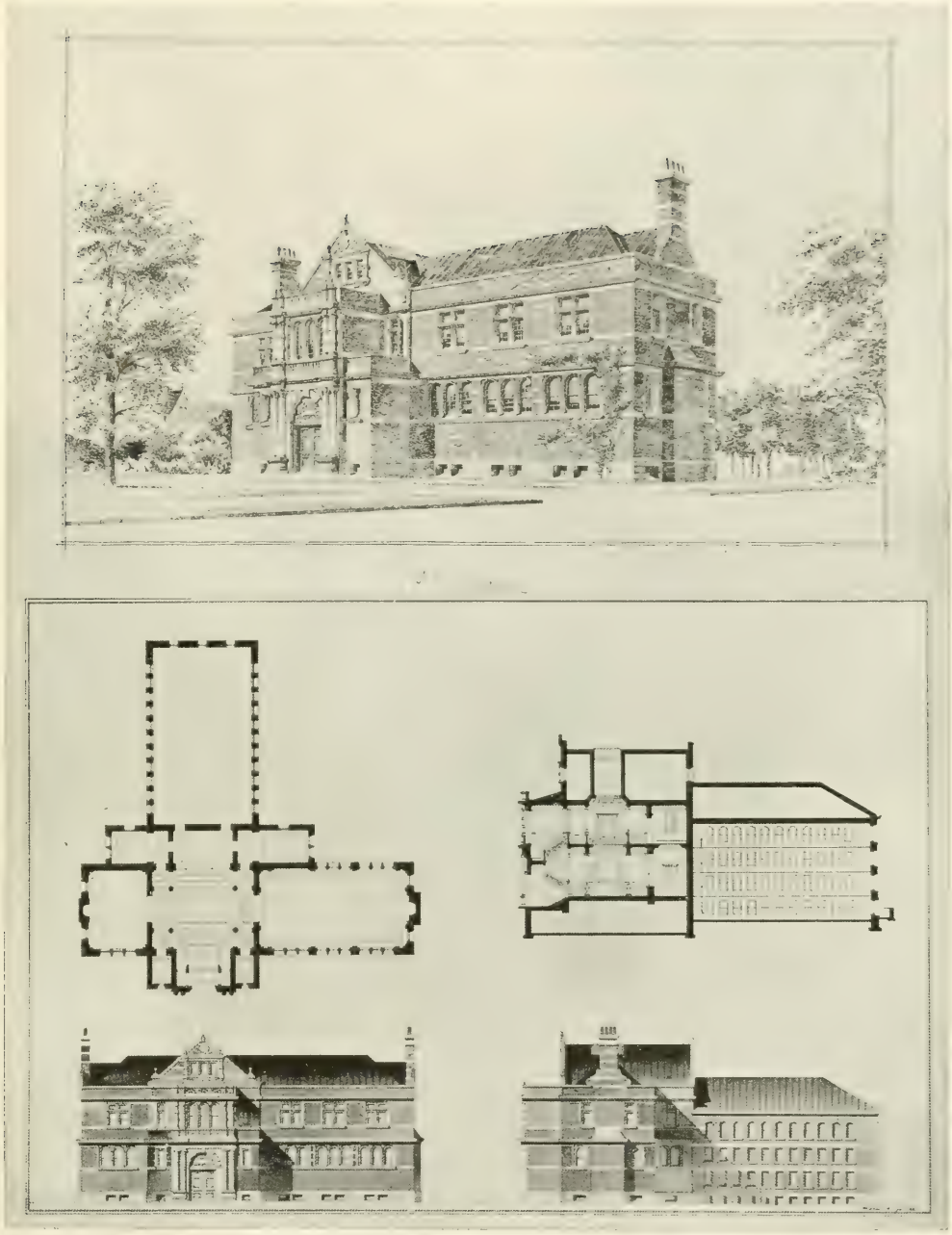
Plumbers' Supplies

and

SANITARY SPECIALTIES

50 and 52 North Seventh Street

Philadelphia



A PUBLIC LIBRARY FOR A SMALL TOWN—1ST MENTION

By W. W. Judell, College of Architecture, Cornell University, Ithica, N. Y.

When Ruskin wrote on Paints

He had in view some of the wonderfully effective combinations to be seen in the remarkable paintings of Claude and Turner. We cannot do better than strive to cultivate his precepts and emulate his genius. A glance at our sample cards will show you what can be accomplished in selecting harmonious color combinations for the decoration of house and home.

John Lucas & Co.

WRITE US FOR CARDS NEW YORK PHILADELPHIA CHICAGO

THE FINISHING OF WOOD

It is only when comparison is made between properly finished wood and that which is improperly finished that we realize how much latent beauty there is in the most ordinary wood, whether it be a piece of Georgia pine or a fine specimen of mahogany.

We do not mean by this that a fine varnished surface alone will accomplish the purpose. It will to some extent, but only temporary. If your woodwork has not originally before varnishing been properly treated your fine varnished surface will not last. The pores of the wood will burn black. That grain and figure in the wood will look fixed. It will have no life to it.

How then should woodwork be properly prepared for a fine and lasting finish? By first filling the pores with the Wheeler's Patent Wood Filler, if it is an open porous grained wood. If it is a close grained wood like whitewood, Georgia pine, etc., by first giving it a coat of Wheeler's Liquid Wood Filler previous to varnishing. This will form a permanent base for the varnish to rest on and will bring out the life and beauty of the wood, and as time goes on it will grow still more beautiful.

Are there not some other wood fillers made just the same as the Wheeler, or are there not some that are just as good? No; there is no wood filler made the same as the Wheeler Wood Filler, or that is just as good. When a contractor or a painter or a finisher gives you a result on natural finish that it is not as you expected, you may rest assured that he has not used the Wheeler Wood Filler, or has only partially used it and mixed something else with it in some way or another and substituted something for the other part.

This quotation from a prominent architect in a few words substantiates what we say:

"I have specified Wheeler's Patent Wood Filler for about eighteen years in this city. I have tried other fillers, but do not find them equal to your filler. I went purposely to a house which I had built sixteen years before, and where your filler had been used, to examine the finishing of the woodwork and found it in excellent condition."

SOLE MANUFACTURERS

The Bridgeport Wood Finishing Co.

NEW MILFORD, CONN.

55 Fulton Street, New York City
68–70 W. Lake Street, Chicago

PROSPECTIVE BALL ROOM, NEWPORT, R. I.

PETRY & BAZIN, Designers, Philadelphia

The Carnegie Steel Co., Limited

MANUFACTURERS OF

STRUCTURAL STEEL

OF EVERY KIND

General Offices: PITTSBURGH, CARNEGIE BUILDING

SALES OFFICES:

ATLANTA, Equitable Building.
BOSTON, Telephone Building.
BUFFALO, German Insurance Building.
CHICAGO, Marquette Building.
CINCINNATI, Neave Building.
CLEVELAND, Perry-Payne Building.
DENVER, Peoples Bank Building.
DETROIT, Hammond Building.
LONDON (Eng.), 47 Victoria Street.
MINNEAPOLIS, Guaranty Loan Building.
MONTREAL, 3 Windsor Hotel.
NEW YORK, Bank of America Bldg.
PHILADELPHIA, Harrison Building.
ST. LOUIS, Globe Democrat Building.
SAN FRANCISCO, 258 Market Street
WASHINGTON, Nat'l Safe Deposit Bldg.

SAYRE & FISHER CO.

MANUFACTURERS OF

FINE PRESSED FRONT BRICK

IN OCHRE, WHITE, BUFF, RED, GRAY, BROWN, OLD GOLD AND MOTTLED

PLAIN OR MOULDED

ENAMELED BRICK ALL SHAPES AND COLORS

SUPERIOR FIRE BRICK ALL SHAPES AND SIZES. HARD BUILDING BRICK
ALSO HOLLOW BRICKS

NEW YORK OFFICE
207 BROADWAY

WORKS AT SAYREVILLE, N. J.
ON RARITAN RIVER
TELEPHONE 91 A, NEW BRUNSWICK

PHILADELPHIA OFFICE, 625 DREXEL BUILDING
TELEPHONE 5248 D

RESIDENCE OF G. H. INGRAHAM, ESQ., MILTON, MASS.
GEO. HUNT INGRAHAM, Architect, Boston

A SKETCH IN TEWKESBURY, ENGLAND
By G. S. MORRIS Philadelphia

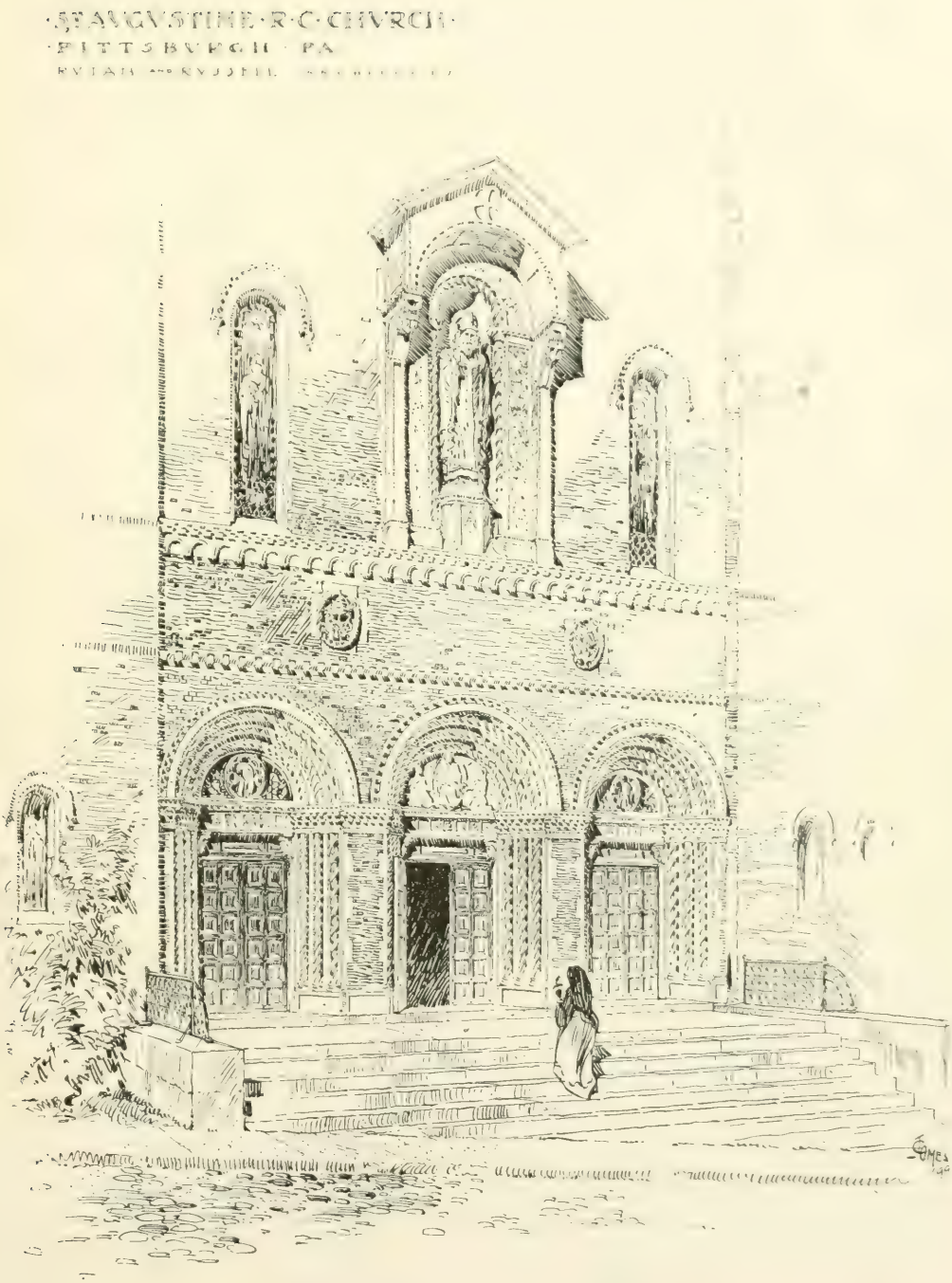
·TIFFANY·GLASS·&·DECORATING·COMPANY·

·FVRNISHERS·&·GLASS·WORKERS·DOMESTIC·&·ECCLESIASTICAL·

DECORATIONS· GD CO ·MEMORIALS·

·333·TO·341·FOVRTH·AVENVE·NEW·YORK·

Examples of our work may be seen in the Horticultural Hall, Museum of Science and Art, the Church of the Holy Trinity, The American Baptist Publication Society Building, The United Gas Improvement Company Building, and other prominent edifices in Philadelphia.



ST. AUGUSTINE R. C. CHURCH, PITTSBURGH, PA.

RUTAN & RUSSELL, Architects

Garrett-Buchanan Co.

3, 5 and 12 Decatur Street,

PHILADELPHIA

Manufacturers of....

Roofing and Building Papers

and Coal Tar Products

Sole Makers and Proprietors of the Celebrated

Canvas Back Red Rope

Roofing and Sheathing Paper

Eastern Hydraulic-Press Brick Company

Makers of

HIGHEST GRADE FRONT BRICKS

In all colors known to clay burning

SALES OFFICES

PHILADELPHIA—510 to 514 Real Estate Trust Building
NEW YORK—900 to 903 Metropolitan Building
BOSTON—27 Equitable Building
BALTIMORE—40 Builders' Exchange Building
ROCHESTER—501 to 505 Chamber of Commerce Building

MEASURED DRAWING OF A HOUSE AT TOURS, FRANCE

By Wm. Charles Hays, Philadelphia

SECOND HOLDER—JOHN STEWARDSON MEMORIAL SCHOLARSHIP

MEIER'S CEMENT

Non-Staining
Non-Efflorescent

Causes neither stain nor efflorescence when used for setting and in backing of

Oolitic Limestone, Marble, Granite, Sandstone, Terra-Cotta, Face-Brick

SLOW-SETTING. FINELY GROUND. EXCELLENT TENSILE STRENGTH.
Cool and Plastic Working—Neat, Smooth Joints.
USED AND APPROVED BY EMINENT ARCHITECTS.

A Few of the Buildings in Which it Has Been Used: Waldorf-Astoria, Columbia University, Constable Building, Hotel Manhattan, New York; Union Railroad Station, St. Louis; Washington Post Office, Washington, D. C.; F. W. Vanderbilt's Residence, Hyde Park, N. Y.; P. A. B. Widener's Residence, Ashbourne, Pa.; Land Title Building, Real Estate Title Building, City Trust Co. Building, Lehigh Building, Philadelphia.
Further information upon application.

SAMUEL H. FRENCH & CO.

York Ave., Fourth and Callowhill Sts., Philadelphia.

ESTABLISHED 1844.

Paints and Varnishes,
Buck White Lead,
Crown Ready-Mixed Paints,
Colors, Dry, in Oil, Japan and Distemper,

Muralo, Calcimo, Indeliblo,
Brushes and Painters' Supplies,
Peerless Mortar Colors,
Portland and Rosendale Cements,

Calcined and Casting Plasters,
Rock Wall Plaster Plastering Hair,
Cabot's Creosote Shinglestain, Quilt, etc.,
Wall Ties and Builders' Supplies.

ORNAMENTAL PLASTER WORK. DECORATIVE GLASS.

Mantels, Tile, Mosaics, Grates and Fire-place Goods.

HECLA IRON WORKS

Formerly POULSON & EGER.

Galvano Bronze Doors, etc., Constable Bldg, New York, N. Y.
Wm. Schickel & Co., Architects

North 11th and Berry Streets,

BROOKLYN, NEW YORK.

IRON STAIRS,
ELEVATOR ENCLOSURES AND CARS,
RAILINGS, GATES, PORTE-COCHERES,
LAMPS, GRILLES,
COUNTER SCREENS, Etc., Etc.
GALVANO BRONZE
AND BRONZE AND BRASS CASTINGS.
ELECTRO-PLATING,
BOWER-BARFFING, Etc., Etc.

GARDEN FRONT, FOX OAK, ENGLAND
A Sketch by T. Raffles Davison, London

PARISH ROOM, CLAPTON, ENGLAND
Arnold Mitchell, Architect, London

THE CHAPMAN DECORATIVE CO

1417 CHESTNVT STREET PHILA.

WALL HANGINGS
INTERIOR-DECORA
TIONS-FVRNITVRE
VPHOLSTERY-FAB
RICS-DRAPERIES
PLAIN PAINTING

JOHN BARBER

Cabinet Maker
Interior Wood Work
Furniture

203-205 Chancellor Street
Philadelphia, Pa.

Fine Architectural Interiors
a specialty
Estimates Furnished

EMIL A. BODE

Decorative Sculpture
and
Wood Carving

413 LOCUST STREET
(REAR)
PHILADELPHIA, PA.

THE NEW YORK FILTER

Operation Simple
Results Guaranteed
Send for list of references

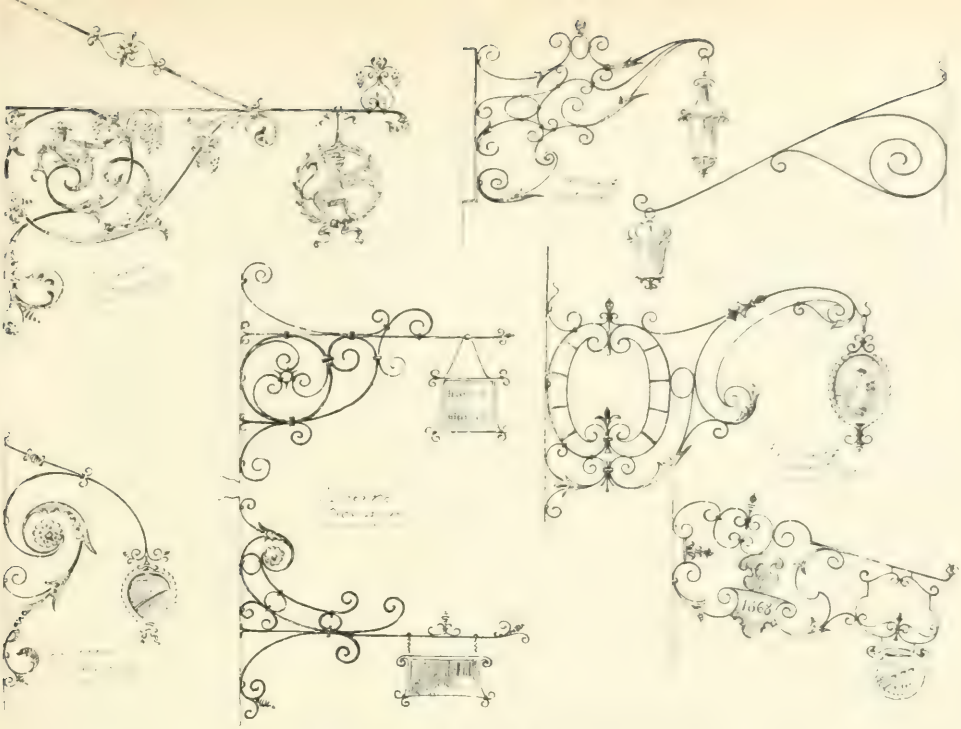
FOR RESIDENCES
HOTELS, MILLS
CITY WATER WORKS, Etc.

NEW YORK FILTER MFG. CO.

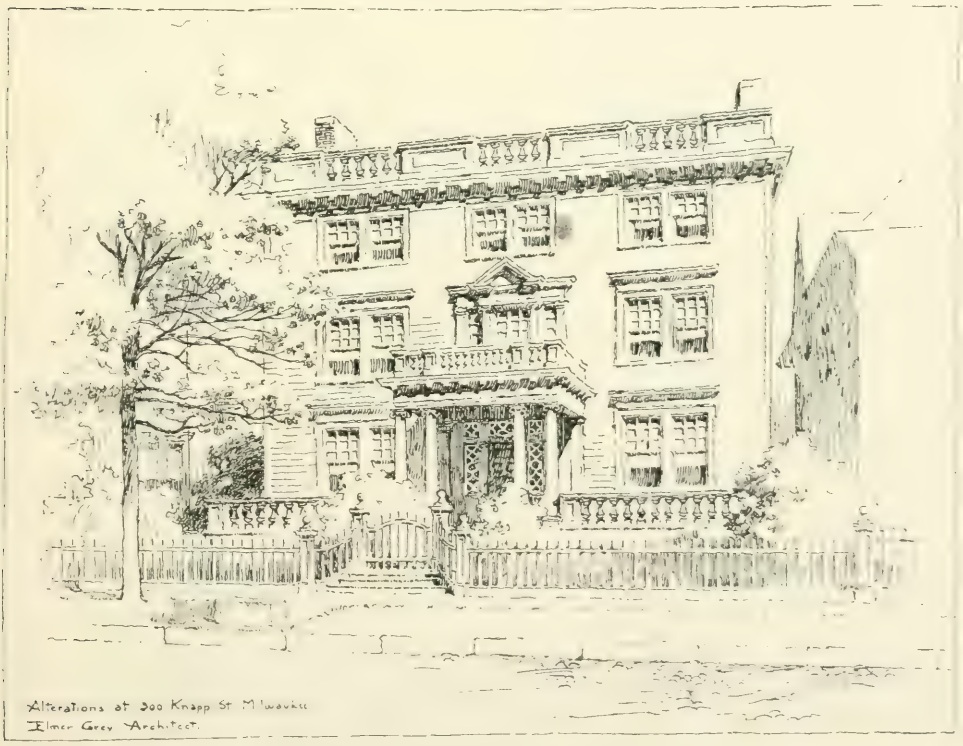
Philadelphia Office
614 Bourse Building

26 Cortlandt Street
NEW YORK

We will gladly furnish you with estimates and plans



SKETCHES OF IRON WORK IN SWITZERLAND
By G. S. Morris, Philadelphia



ALTERATIONS TO A HOUSE IN MILWAUKEE, WIS.
Elmer Grey, Architect, Milwaukee

Chas. J. Field's Sons

Builders' Hardware

Contractors', Machinists' and Government Supplies

633 Market and
624 Commerce St.

Telephone 2057

PHILADELPHIA

Factory, 48th Street and Merion Ave.

Stephens Cooper & Company

1341 Arch Street
Philadelphia

Manufacturers of Artificial Marble
Workers in Ornamental Plaster, Papier Maché Composition, Cement and all Architectural Plastic Material
Sculptors, Modelers, Carvers and Smiths
Carvers in Stone and Wood
Workers in Architectural and Ornamental Wrought Iron Work, Brass and Bronze

Appleton & Burrell

BUILDERS and CONTRACTORS

1204 CHANCELLOR STREET

PHILADELPHIA

Levering & Garrigues

Engineers and Contractors

3302 LUDLOW STREET

PHILADELPHIA

Bridges, Buildings and General Structural Work

Iron Stairways, Railings, Grilles
Roof Trusses

DRAWING ROOM, SOUTH WRAXHALL MANOR-HOUSE, ENGLAND
Sketch by ALFRED MORTON GITHENS, Philadelphia

DESIGNS
ESTIMATES

Herbert T. Grantham

Assoc. M. Am. Soc. C. E.

CONSULTATION
INSPECTION

STRUCTURAL ENGINEER

Assistance to ARCHITECTS in either steel or timber construction a specialty

Room 1401, Real Estate Trust Building
S. E. Corner Broad and Chestnut Streets
PHILADELPHIA

PHILIP ANNS
President

S. SPENCER CHAPMAN
Vice-President

FRANCIS CHAPMAN
Sec'y and Treas.

Philip Anns Company

CONTRACTORS AND BUILDERS

1001 Chestnut Street

Telephone 3-36-37

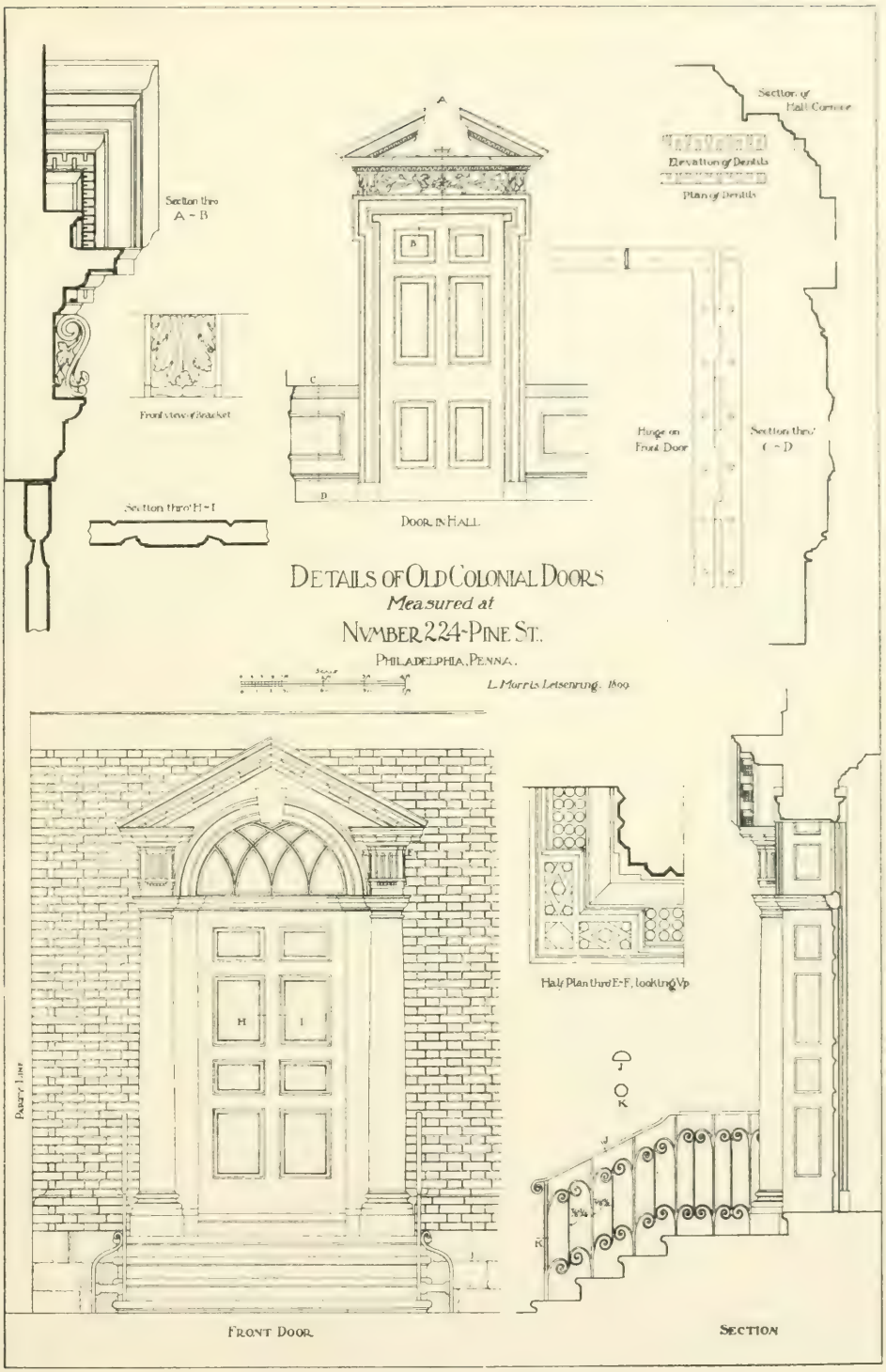
All Classes of Construction Solicited

JAMES L. DILLON

Photographing of Buildings and Interiors a Specialty

Photographer

1017 Chestnut Street



MEASURED DRAWING OF COLONIAL DOORS

By L. Morris Leisenring, Philadelphia

FRANK S. RIGGS

CONTRACTOR

CARPENTER AND BUILDER

RAILROAD AND COUNTRY WORK

A SPECIALTY

STORES AND OFFICES FITTED UP

JOBBING AND ALTERATIONS PROMPTLY

ATTENDED TO

OFFICE AND SHOP

1530 Chestnut St., Philadelphia, Pa.

J. LINDSAY LITTLE

Thomas Little & Son

CARPENTERS

AND BUILDERS

1222 CLOVER STREET

PHILADELPHIA, PA.

JOHN ATKINSON

BRICK MASON

and

CONTRACTOR

A few specimens of our work are to be found in the following

Philadelphia Bourse; Drexel Institute; Seven Buildings, House of Refuge, at Glen Mills; Reading Terminal, Arch to Market, foundations and first story; Mary J. Drexel Home; German Hospital.

Rooms

419 and 420 Heed Building

Telephone 4423

MURALO

AND

CALCIMO

THE SANITARY WALL COATINGS

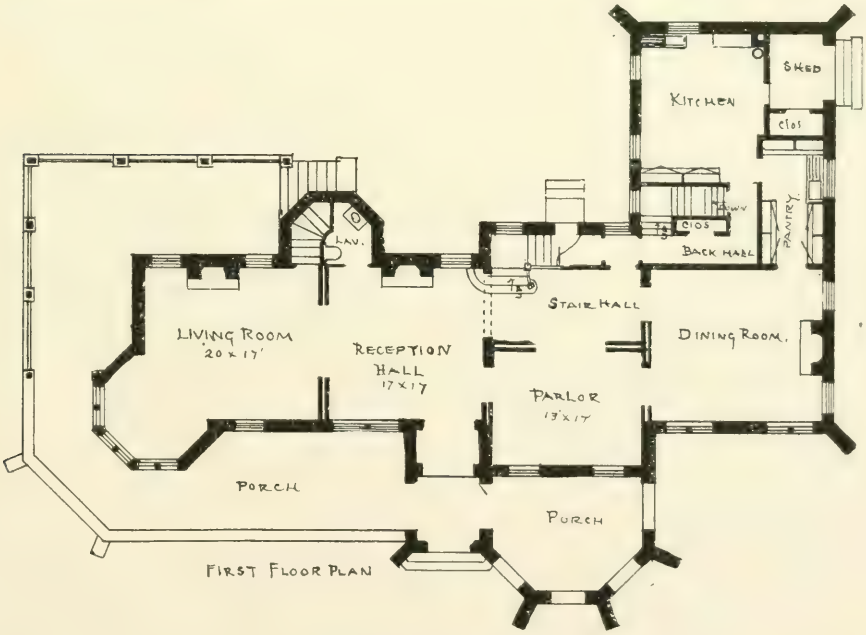
These materials are made in a powder form in white and tints, are packed in 5-lb. packages, 100-lb. kegs, 280- and 350-lb. barrels, and are ready for use when mixed with COLD WATER.

Our wholesale agents for Philadelphia, Messrs. Samuel H. French & Co., York Ave., Fourth and Callowhill Sts., will be pleased to supply you with color cards, etc., or same can be had with full information direct from the manufacturers.

THE MURALO COMPANY

New Brighton

Borough of Richmond, N. Y.



RESIDENCE AT MERION, PA., FOR SAMUEL CROFT, ESQ.

PERSPECTIVE VIEW AND PLAN

WILLIAM L. PRICE, ESQ., Architect, Philadelphia

American Enameled Brick and Tile Company

Works: South River, N. J.

Office: 1 Madison Ave. New York City

WE MANUFACTURE

STANDARD Colors, Sizes and Special Shapes

of Enameled Brick...

and Patent Interlocking Enameled WALL TILE

GERARD R. VOGELS, Sole Agent

Office: Builders' Exchange
24 S. Seventh St., Philadelphia

The best kind of Fireplace Mantels are made of Ornamental Brick

Ours have that soft, rich and pleasing effect of modest elegance that no other kind gives. Ours are far better than other kinds, but still they don't cost any more. That is a strong point. Our Sketch Book tells all about 59 designs of various colors costing from $12 up. We send it free on application.

Philadelphia & Boston Face Brick Co.
4 Liberty Square, Boston

GERARD R. VOGELS, Sole Agent
Office: Builders' Exchange, 24 S. 7th St., Philadelphia

WM R. DOUGHERTY

CARPENTER
AND BUILDER
GENERAL
CONTRACTOR

1604 and 1606 Sansom Street
PHILADELPHIA

Telephone

FRANCIS A. BLACK
FRANCIS F. BLACK
3812 Hamilton St.

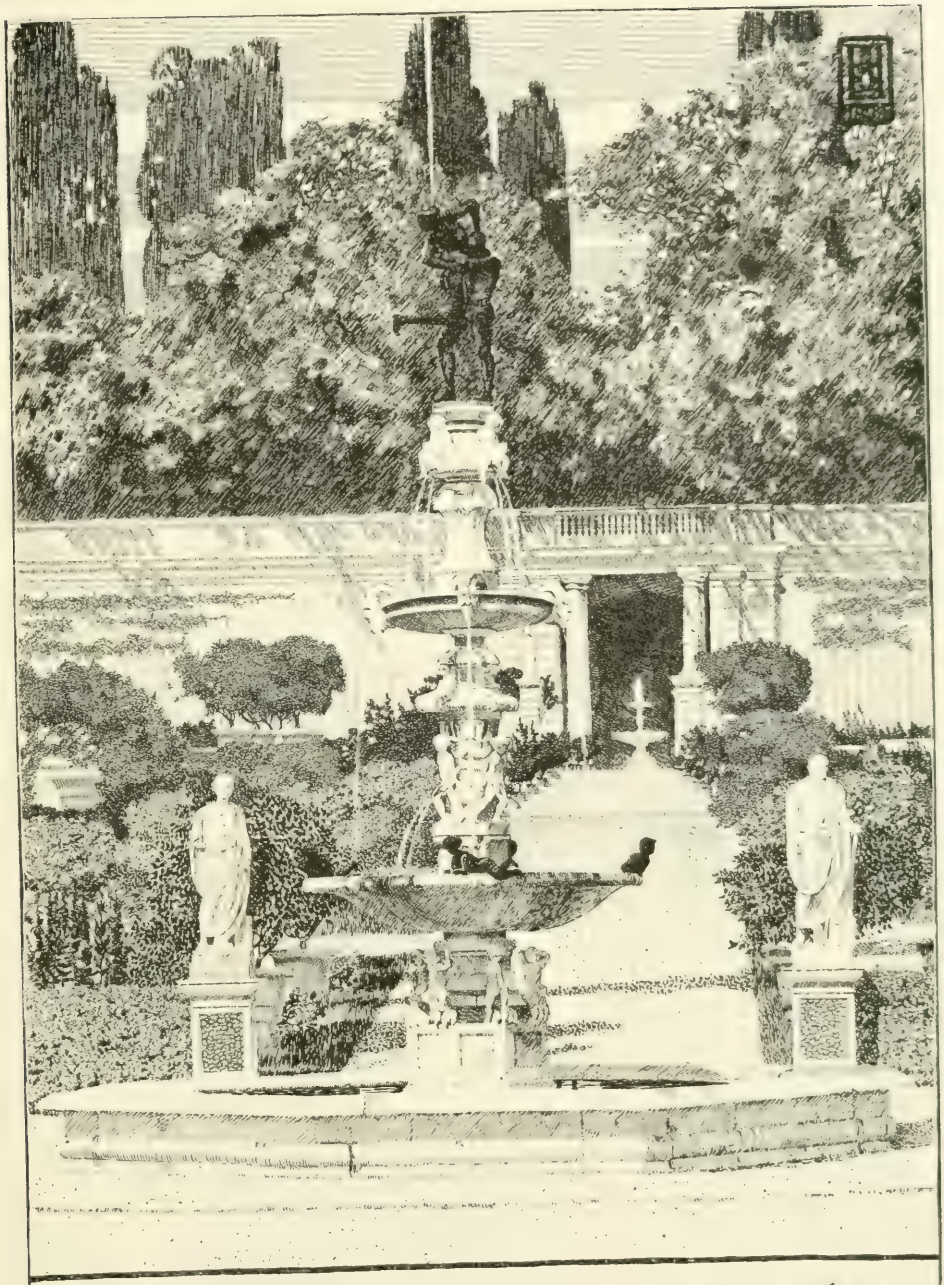
F. A. BLACK & SON

Stogdale Building
620 S. WASHINGTON SQUARE
PHILADELPHIA

House Painting and Decorating and Paper Hanging

Ivory, White and Gold Finishing
Hardwood Polishing of every description
Estimates for all kinds of House Repairs

Long Distance Telephone 3940



The Central Fountain *in the* Garden *of the* VILLA CASTELLO

Sketch by Birch Burdette Long, Chicago

WILLIAM GRAY & SONS

Cut Stone
Contractors
and Interior
Marble Work

Thirtieth Street below Walnut

PHILADELPHIA

Telephone No. 240 W. P.
Cable Address, "GRAY"

M. McCARRON

PAINTER AND DECORATOR

809 South Sixth Street

PHILADELPHIA

TELEPHONE CONNECTION

Jacob Myers J. Walter Myers William H. Myers

JACOB MYERS & SONS

Carpenters
and
Builders

N. E. Cor. Juniper and Sansom Sts.

Philadelphia.

PENNSYLVANIA
WIRE WORKS

Philadelphia, Pa.

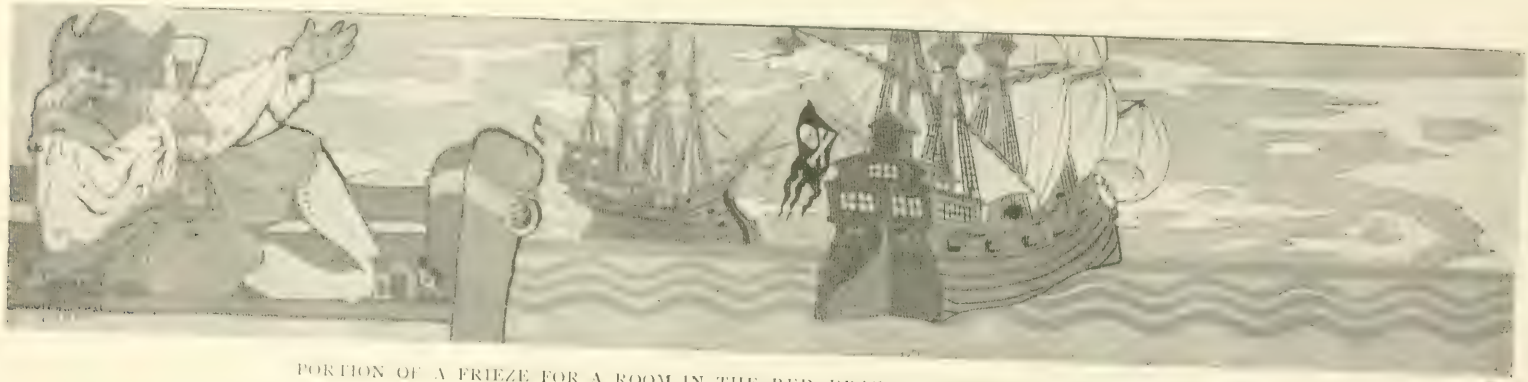
EDW. DARBY & SONS

Designers and
Manufacturers of

Elevator Enclosures, Bank and Office Railings, Brass and Iron Grilles, Wire Window Guards, Etc.

Offices, 233 and 235 Arch St.

Factories, 113 and 115 Bread St.

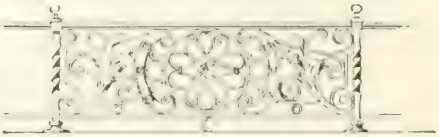


PORTION OF A FRIEZE FOR A ROOM IN THE RED DRAGON CANOE CLUB, PHILADELPHIA
By Thomas P. Farrady, Philadelphia

SKETCH FOR A HOUSE AT NEWPORT, R. I.
By Wilson Eyre, Jr. Architect, Philadelphia

ROBT. BIDDLE, JR. PRESIDENT. JOHN L. GAUMER GEN'L SUPT. JOHN J. BARTHOLOMEW, JR. SEC'Y AND TREAS.

John L. Gaumer Co.



Antique Wrought Iron
Art Metal Works

N. W. Corner Eleventh and Race Streets
1305, 1307, 1309 N. 27th Street

PHILADELPHIA

SPECIALTIES IN...
IRON, BRASS AND BRONZE,
HARDWARE, GRILLES, ETC.

ELECTRO-PLATING IN GOLD, SILVER, NICKEL,
COPPER, ETC.

ANTIQUE WROUGHT IRON GAS AND ELECTRIC FIXTURES
LANTERNS AND STREET LAMPS

Thos. M. Seeds, Jr.

CARPENTER

BUILDER and CONTRACTOR

1216 RACE STREET

PHILADELPHIA

TELEPHONE

William McCarter & Son

HOUSE AND FRESCO PAINTERS

256 AND 258
SOUTH FIFTH STREET

PHILADELPHIA

Telephone Connections

Edwin R. Keller, M. E. Clayton W. Pike, B. S

Keller, Pike & Co.

Mechanical and
Electrical
Engineers and Contractors

LIGHTING AND
POWER PLANTS
TELEPHONE
EXCHANGES
INTERIOR WIRING
POLE AND LINE CONSTRUCTION, ETC.

112-14 N. 12th St.
PHILADELPHIA

ONE OF THE DRAWINGS ACCEPTED FOR PRIZE MEMBERSHIP IN THE T SQUARE CLUB, FROM THE DREXEL INSTITUTE, PHILADELPHIA

By Walter B. Anderson

Established 1851

M. LEINAU

(Successor to Sam'l W. Leinau)

Plumbing and Gas Fitting
Steam and Hot Water Heating

No. 111 South Seventh Street
PHILADELPHIA

Branch Shop, 20th and Tioga

John H. Ragatz & Son

Manufacturers of

FINE FURNITURE
and
INTERIOR
WOODWORK

219 S. Eleventh Street
PHILADELPHIA

Fine Upholstery Work
Antiques a Specialty

Factory, 212 Chancellor Street
Below Walnut, East of Third

Electro-Tint
Engraving Co.

1227-29 Race Street
Philadelphia

DESIGNERS
ILLUSTRATORS
ENGRAVERS

THREE-COLOR PROCESS

Send for Specimens and Estimates

We refer to the illustrations in this book as
specimens of our work

*American Cement
Company*

Giant Portland
Improved Union
Union Hydraulic **Cement**

22 and 24
South Fifteenth Street

Philadelphia, Pa.

TWO VIEWS OF A HOUSE AT AMBLER, PA.

FRANK MILES DAY & BRO., Architects, Philadelphia

Largest Producers of
Plate Glass in the World

Pittsburgh
Plate Glass
Company

Manufacturers of
PLAIN AND BEVELED
LOOKING GLASS PLATES

PHILADELPHIA WAREHOUSE
1012, 14, 16 and 18 Filbert St.

H. E. SEALEY, Local Manager

L. Hilgartner & Sons
INTERIOR
MARBLE
WORK

In Foreign and Domestic Marbles

MOSAIC AND
TERRAZZA FLOORS

Estimates upon application

BALTIMORE, MD.

Architects

and their CLIENTS are urged to visit our showrooms and make careful inspection of our PLUMBING FIXTURES, since critical examination will demonstrate why they are higher in price and why they have been selected for the most notable residences built in recent years.

The Meyer-Sniffen Co., Ltd.
(*Established* 1868).
Manufacturers and Importers
HIGH-GRADE PLUMBING FIXTURES,
5 East 19th Street, New York.

K and M
Magnesia Covering
(85% Carbonate Magnesia Guaranteed)
For Steam Pipes and Boilers

Sold by

Magnesia Covering Co.
143 and 145 North Broad Street
PHILADELPHIA

TWO VIEWS OF A HOUSE AT WALLINGFORD, PA.
WILLIAM L. PRICE, Architect, Philadelphia

Y. B.

"A Fine Building should have A Fine Finish" Use

HARD ENAMEL PAINT

It Polishes Like Ivory, Gets as Hard as Stone and Will Not Crack

For full information write to . . .

H. E & D. G. YARNALL

Manufacturers of Paint Specialties

1026-28 RACE STREET

PHILADELPHIA

Phila. Agents Chicago Varnish Company

Depot for Wheeler's Pat. Wood Filler

Chas. Stewart & Co.

Bricklayers and Contractors

616 RACE STREET

PHILADELPHIA

ESTIMATES PROMPTLY FURNISHED

Telephone Connection

Karcher & Rehn Co.

1608-1610 CHESTNUT ST.

PHILADELPHIA

The leading

DECORATORS
FURNISHERS and
UPHOLSTERERS

of Philadelphia

OUR business has doubled in a year, which fact speaks for itself. We take a house in the bare plastered walls, and transform it into a completely furnished home. We employ our own Designers, Modelers, Carvers, Cabinet Makers, Frescoers, Painters, Paper Hangers, and show a complete stock of Furniture, Curtains and other things necessary to the artistic decoration and furnishing of a residence. Our ideas and schemes are original and are freely offered.

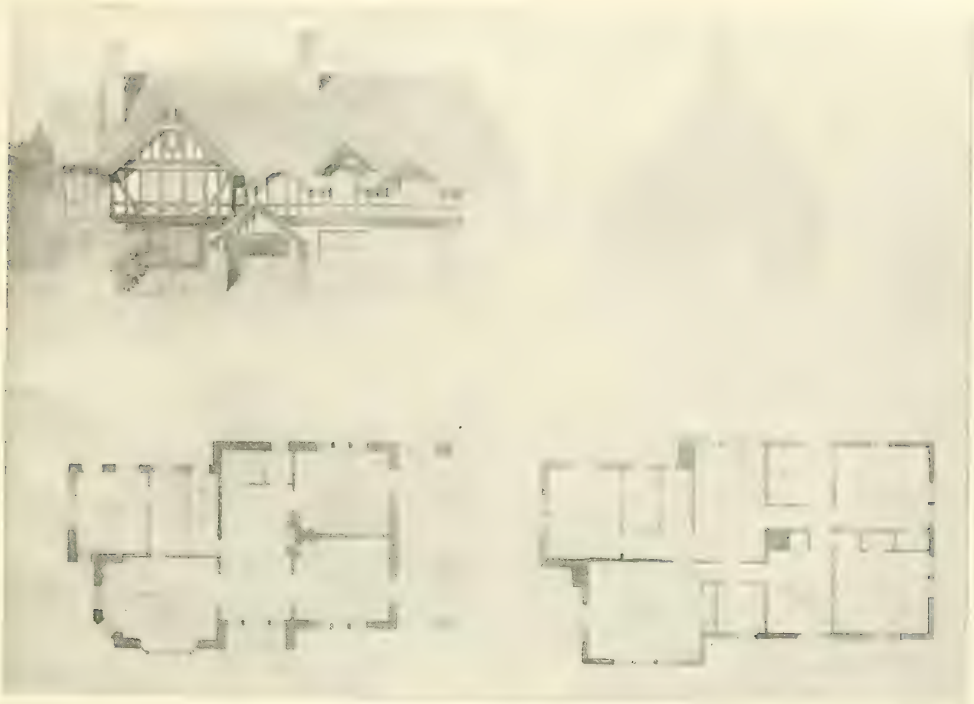
The only company in the United States that makes the inspection and insurance of Steam Boilers its exclusive business.

After thorough inspections insures against loss of property and life from explosion of boilers.

CORBIN & GOODRICH

General Agents

432 Walnut Street Philadelphia



SKETCH FOR A HOUSE IN JENKINTOWN, PA.
ADIN B. LACEY, Architect, Philadelphia

SKETCH FOR A CHURCH AND SUNDAY-SCHOOL IN WEST PHILADELPHIA
ADIN B. LACEY, Architect, Philadelphia

James Allen
1819 to 1843
James Allen & Son
1843 to 1854
Allen & Brother
1854 to 1859
James T. Allen
1859 to 1884

James T. Allen & Son

J. TURLEY ALLEN

PLASTERERS

212 S. Tenth St. Philadelphia

Every description of work pertaining to the business executed in best manner

Established 1848

L. Haberstroh & Son

INTERIOR
DECORATORS
AND
PAINTERS

9 Park St.
Cor. Beacon
BOSTON

J. F. BUCHANAN & CO.

ELECTRICAL CONTRACTORS
ISOLATED PLANTS
HIGH-GLASS WIRING

CONTRACTORS FOR

Museum of Arts and Sciences, Agnew Hospital, etc., U. of Pa.; Jefferson Hospital; College of Physicians; Pennsylvania Hospital; Real Estate Bldg.; Lit Bros.; Jacob Reed's Sons; Bornot Buildings. PHILADELPHIA

Seventh Regiment Armory; Criminal Court; Grammar School No. 1; Manhattan State Hospital; Long Island State Hospital; Syracuse Institute.
NEW YORK

AND 100 FACTORIES
STORES AND RESIDENCES

327 Philadelphia Bourse

INNES BROS.

HEATING AND
VENTILATING

ENGINEERS AND
CONTRACTORS

461-463 E. Girard Ave.
Philadelphia

THE PRESENTATION IN THE TEMPLE

CARTOON FOR PART OF THE RYERSS MEMORIAL WINDOW, Fox Chase, Pa.

By NICOLA D'ASCENZO, Philadelphia

KEYSTONE REFRIGERATOR CO.

BUILDERS OF

SPECIAL REFRIGERATORS

Office—689 Philadelphia Bourse

A PARTIAL LIST OF REFERENCES

Waldorf Astoria,
Hotel Bellevue,
Hotel Stratford, } G. C. Boldt, Proprietor
Hotel Aldine, S. Murray Mitchell, Proprietor
Hotel Lafayette, Louis Smith, Proprietor
Hotel Green's, Mahlon Newton, Proprietor
Hotel Walton, Stafford & Whitaker, Proprietors
Hotel Jermyn, Scranton, Pa.
Hotel Monticello, Norfolk, Va
Hotel Holly Wood, Long Branch, N. J.
Hotel Rudolph,
Hotel St. Charles,
Hotel Garden, } Atlantic City, N. J.
Hotel Grand Atlantic, J
Restaurants, Bullitt Building
Restaurants, Bourse Building

SAMPLES OF TILE-LINED REFRIGERATOR WORK

W. W. Harrison, Glenside; G.W. Elkins, Jr., Ashbourne; Mrs. Wistar Morris, Overbrook; Blind Asylum, Overbrook; Randall Morgan, Chestnut Hill. **Plans and estimates cheerfully furnished.**

J. P. MAHER, Mgr. 16 YEARS' EXPERIENCE

J. W. REEVES, 114 W. Cedar St., Gtn.
CHAS. H. REEVES, [illegible] Park Avenue

J. W. & C. H. REEVES

Plasterers

Office, 925-927 Darien St.

PHILADELPHIA, PA.

Telephone Connections

Jobbing Promptly Attended To
Estimates Cheerfully Furnished

JOHN W. FRITZINGER

Contractor and Builder

P. O. Address, Manayunk, Phila., Pa.

Member of Master Builders' Exchange

PHILADELPHIA

J. E. Brown

ROOFING, SKYLIGHTS AND SHEET METAL WORK

525-27 North 23d St.
Philadelphia

THE PORCHES OF AMIENS CATHEDRAL, AMIENS, FRANCE

Sketch by Henry B. Pennell, Boston

HENRY C. ELDER

Room H, 12th Floor
FIDELITY BUILDING

Architectural Modelings

Manufactured by
CHAS. EMMEL,
Boston, Mass., in

Papier-Maché, Compo or Staff

INTERIOR OR EXTERIOR
DECORATIONS

Venetian Blinds

DOLL & RICHARDS

FINE
ARTS

2 PARK ST. BOSTON

Heating Cooking Comfort

ABRAM COX STOVE CO.

Makers of

Novelty STOVES RANGES and FURNACES

American and Dauphin Sts., Philadelphia, Penna.

MODEL HEATING CO.

Makers of

Model BOILERS for STEAM AND HOT WATER HEATING

Abram C. Mott, Pres.
W. H. Plaheer, Treas.

American and Dauphin Sts., Philadelphia, Penna.

JOHN R. WIGGINS

Builder

1215 Filbert Street
PHILADELPHIA

Telephone Connection

One of the Premiated Designs submitted in Competition for the

PROPOSED ALUMNI HALL, CORNELL UNIVERSITY, ITHACA, N. Y.

By Samuel R. Davis, Philadelphia

C. A. Blumhard

38 South Sixth Street
and 605 Arch Street
PHILADELPHIA

Blue Prints

Done quickly and uniformly
on tough paper and linen.
Also blue black lines on
white ground

MOUNTING
on muslin, neatly and promptly
executed, at reasonable prices

Telephone 5152

B. F. Sturtevant Co.

Boston
New York
Philadelphia
Chicago
London
Berlin
Glasgow

George L. Sipps

Carpenter Builder and Contractor

No. 212
South Seventh Street
PHILADELPHIA

Shop, 912 Locust Street

Telephone 5885

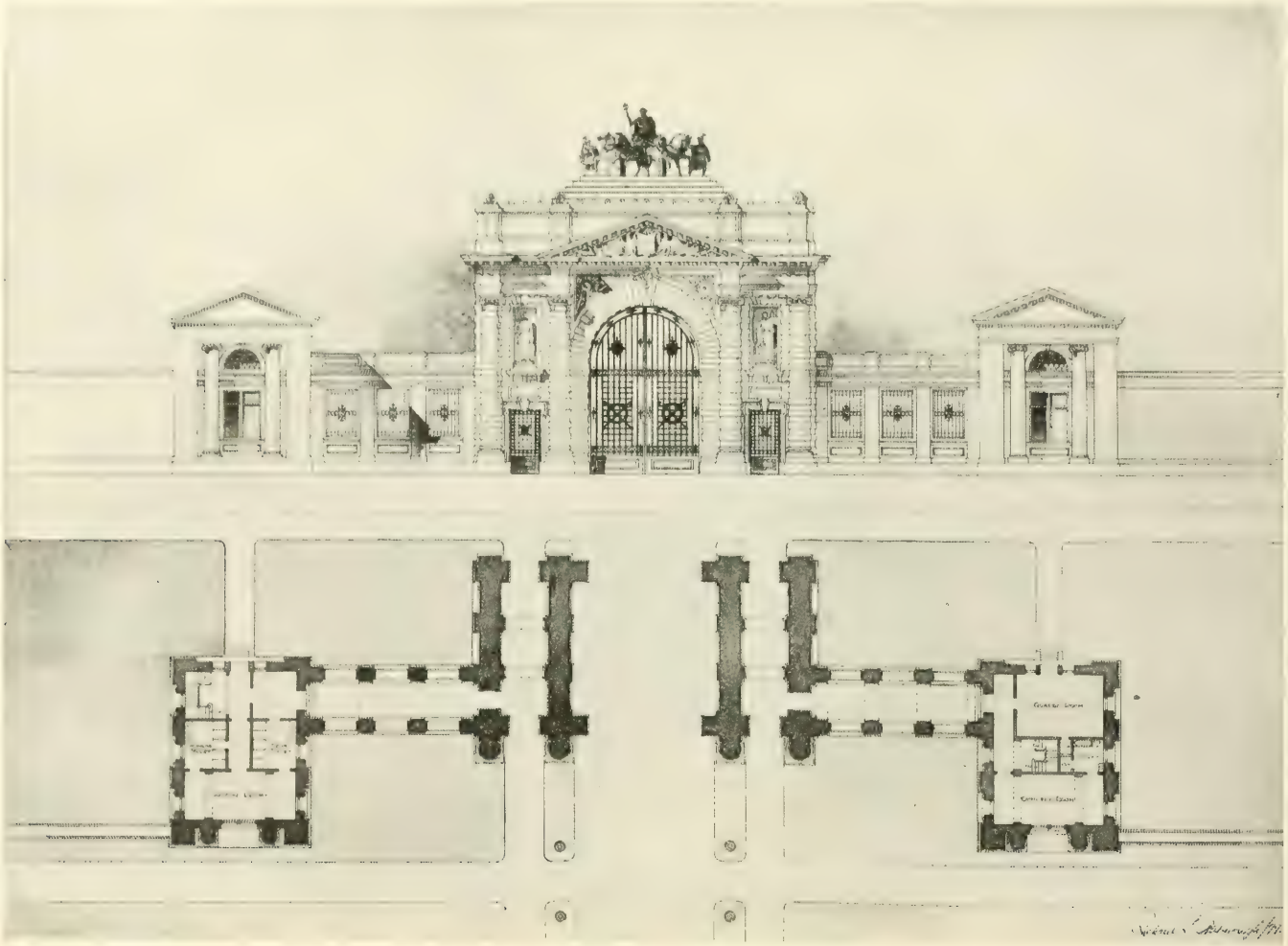
JOHN KOLB

Cut Stone Contractor

In stone of all varieties for
fronts, trimmings, inside or
outside housework

YARD
N. E. Cor. 25th and Washington Ave.
PHILADELPHIA

Jobbing promptly attended to
Plans and estimates furnished on application
All varieties of stone constantly on hand



DESIGN FOR ENTRANCE TO A NAVY YARD

By Richard L. Watmough, Philadelphia

McCLURE & CO.

AMERICAN
TIN PLATES

PITTSBURGH
211-13-15
Second Ave.

PHILADELPHIA
115 North
Seventh St.

McCLURE'S RE-DIPPED
BRAND ROOFING TIN

The Black Plates are specially prepared to permit the absorption of the major portion of the metal coating.

MAC-ITE
FIRE PROOFING

MANUFACTURED BY

STANDARD PLASTIC
MANUFACTURING CO.

401-402-403-404
STEPHEN GIRARD BUILDING
PHILADELPHIA

FACTORY, CHESTER, PA.

EUGENE PEARSON, GENERAL MANAGER

"If all the Romans"

in Europe saw our artistic productions of Roman Mosaic and Tile Work, what a revelation to them it would be.

ALL DESIGNS ARE ORIGINAL
AND SPECIALLY PREPARED.

Fire-place Fixtures
Mantels and Grates

Brass and
Wrought Iron Work

Established 1850
SHARPLESS & WATTS
MANUFACTURERS

Baker Building, 1522 Chestnut Street
Manufactory, 1520 and 1522 Sansom Street
PHILADELPHIA, U. S. A.

A. Whitehead

Telephone
Connections

CARPENTER
BUILDER and
CONTRACTOR

No. 1624 LATIMER STREET

South of Locust
West of 16th

Jobbing
in all Trade
Branches

PHILADELPHIA, PA.

SKETCH FOR A COUNTRY HOUSE

By John J. Bissegger, Philadelphia

THE ONLY SCIENTIFIC AND HIGHLY EFFICIENT FIRE-PROOF CONSTRUCTION NOW ON THE MARKET.

THE ROEBLING SYSTEM OF FIRE-PROOF CONSTRUCTION

IT IS THE RECOGNIZED STANDARD

Information, estimates, prices, etc., furnished by

The Roebling Construction Co.

121 Liberty Street, New York City
171 Lake Street, Chicago, Ill.
25 and 27 Fremont Street, San Francisco, Cal.
32 South Water Street, Cleveland, Ohio.
Trenton, New Jersey
Builders' Exchange, Philadelphia, Pa.

PARTIES IN PHILADELPHIA AND VICINITY ARE REQUESTED TO INSPECT OUR EXHIBIT AT THE BUILDERS' EXCHANGE.

UNITED GAS IMPROVEMENT COMPANY'S BUILDING, PHILADELPHIA

WILSON BROS. & CO., Engineers and Architects

READING HARDWARE COMPANY

READING, PA.

MANUFACTURERS OF

BUILDERS' HARDWARE

"VASSAR" CYLINDER LOCKS

DOOR LOCKS OF ALL KINDS

FOR RESIDENCES, OFFICE BUILDINGS, CHURCHES ASYLUMS, SCHOOL BUILDINGS, ETC., ETC.

THE IMPORTANT BUILDING OPERATIONS FOR WHICH OUR ART GOODS ARE CONTINUALLY BEING SPECIFIED IS THE BEST EVIDENCE OF THEIR SUPERIORITY. - - - - - -

OUR ARCHITECTS' CATALOGUE,—THE SIMPLEST AND MOST COMPLETE LITTLE VOLUME OF THE KIND EVER ISSUED, CAN BE HAD BY ARCHITECTS FOR THE ASKING. - - -

No. 2470, Gotha

No. 1231 x 2822
Gotha

BOOKLET OF BUILDINGS SENT ON REQUEST

NEW YORK, 96 AND 98 READE STREET
CHICAGO, 105 LAKE STREET

617 MARKET STREET
PHILADELPHIA

(SEE OPPOSITE PAGE)

ST. AUGUSTINE'S, BROOKLYN

PARFITT BROS., Architects

Hardware made by Reading Hardware Company

GEORGIAN COURT, LAKEWOOD, N. J.

FRUCE PRICE, Architect

Hardware made by Reading Hardware Company

(SEE OPPOSITE PAGE)

MORRIS W. STROUD
President

JAMES S. MERRITT, M. E.
Sec'y and Treas.

MERRITT & COMPANY

Incorporated

Fireproofing Engineers

STRUCTURAL AND ORNAMENTAL IRON AND WIRE WORK
OF EVERY DESCRIPTION

THE EXPANDED METAL

System of Fireproof Construction is adapted to buildings of all classes and gives a maximum protection against fire, with a minimum of weight and expense . . . . . .

General Office and Works

1024, 1026, 1028 Ridge Avenue Philadelphia

TELEPHONES

City Trust Building, Philadelphia
Expanded Metal Floors

Court of Honor, Peace Jubilee
Philadelphia
Plastering on Expanded Metal Lath

St. Anthony's Hospital, Chicago
Expanded Metal Fireproofing

Library of Congress, Washington, D. C.
Smithmeyer & Pelz, Architects; Bernard R. Green, Engineer-in-Charge

In the construction of this building, which cost six million dollars, over 270,000 square feet of Expanded Metal Lath were used to form pilasters, domes, vaulted ceilings, etc. The decorations are of the most costly and elaborate character and it was necessary to have the best possible material to carry the plaster.

West Philadelphia Trust Company Building, Philadelphia
Expanded Metal Fireproofing

Carnegie Library, Pittsburgh
Expanded Metal Lath (90,000 Sq. Ft.)

Fireproofed by the Expanded Metal System
Merritt & Co., Inc., Philadelphia, Pa.

The Hydraulic Specialty Company

MANUFACTURERS OF HIGH GRADE SANITARY SPECIALTIES

The Pluvic Water Closet, The Pluvic Wash Basin, The Hydric Wash Basin, The Hydric Non-Syphonic Trap, The Sanic Syphoning Hopper, The Sanic Urinal, The Hydric Syphon Water Closet.

NEW YORK CITY

OWNERS	ARCHITECTS
Penna. R. R. Jersey City Passenger Sta.	Pennsylvania R. R.
Mr. J. E. Nichols	Wm. Paul Gerhard, C. E.
Miss Helen M. Gould	H. Retgers Marshal
Clara DeHirsch Home for Working Girls	Brunner & Tryon & Wm. Paul Gerhard, C. E
Col. Geo. E. Waring, Jr.	Sanitary Engineer
Sahlein Building, Fifth Avenue	Brunner & Tryon & Wm. Paul Gerhard, C. E.
Mr. Hudson's House	Mr. Brite
Penna. R. R., Twenty-third St. Depot	Pennsylvania R. R.
Prof. E. R. A. Seligman's House	Wm. Paul Gerhard, C. E.
Mr. Scovill	Waring, Chapman & Farquhar.
Mr. W. H. Hoffman	McKim, Mead & White
Everett House	
Mr. A. Lewisohn's House	Brunner & Tryon & Wm. Paul Gerhard, C. E

PHILADELPHIA

Crozer Building	Frank Miles Day & Bro.
Real Estate Trust Co.'s Building	Edgar V. Seeler
Museum, Science and Art Building	Cope & Stewardson, Wilson Eyre, Jr., and F. M. Day & Bro.
Medico-Chirurgical Hospital	Frank Miles Day & Bro.
Penna. R. R., Market St. Station	Pennsylvania R. R.
Joslin Building	Lawrence V. Boyd.
Episcopal Hospital	G. W. & W. D. Hewett
Borie's Bank Building	Wilson Eyre, Jr.
First Baptist Church	Edgar V. Seeler
Mr. W. W. Justice's House	Geo. T. Pearson
Mr. J. Lippincott's House	Lewis A. Hickman
Mr. A. W. Sheppard's House	Amos J. Boyden
Mr. John J. Henry	Mantle Fielding
Mr. Frank A. Hippel's House	Edgar V. Seeler
Mr. L. C. Madeira, Jr.'s House	Sellers & Kirk
Mr. Samuel T. Bodine's House	Frank Miles Day & Bro.
Mr. W. Frederick Snyder's House	Geo. T. Pearson
Home for Incurables	J. C. M. Shirk
Mr. W. G. Warden's House	F. M. Day & Bro.
University Club Building	Horace W. Sellers
University of Pennsylvania	E. V. Seeler
Acorn Club Building	Wilson Eyre, Jr.
Philadelphia Free Baths	Furnace Evans & Co.
Mr. Alter Megear's House	Albert W. Dilks
Mrs. Carstair's House	Guy King
Dr. Green Building	W. C. Prichett & T. B. Prichett
S. S. White Dental Building	Boyd & Boyd and Spencer Roberts
Walter R. Ross	Peabody & Stern, Boston, Mass.
E. C. Jones & Co.'s Building	Guy King
Mr. W. G. Warden's House, St. Augustine, Fla.	F. M. Day & Bro.
Capt. Loyd G. Harris, St. Louis, Mo.	Wm. Paul Gerhard, C. E.
Auditorium Pier, Atlantic City, N. J.	Spencer Roberts & G. V. Rehfuss
Mr. David Martin, Holmesburg, Pa.	Joseph Huston
Mr. Brinton Robert's House, Bala, Pa.	Field & Medary
Mr. F. W. Roebling's House, Trenton, N. J.	Spencer Roberts
Soldiers' and Sailors' Home, Bath, N. Y.	Wm. Paul Gerhard, C. E.
Mr. John I. Waterbury's House, Morristown, N. J.	Building and Sanitary Inspection Company
Mr. J. B. Stetson's House, Elkins, Pa.	Geo. T. Pearson
Media Bank, Media, Pa.	Albert W. Dilks
Lawrenceville Schools, Trenton, N. J.	Building and Sanitary Inspection Company
Cartarett Club, Garden City, N. Y.	R. H. Hunt
Norfolk & Western Office Building, Roanoke, Va.	Geo. T. Pearson
Mr. A. H. Gross' House, Langhorn, Pa.	Lawrence V. Boyd
Mr. W. Starr Miller's House, Rondout, N. Y.	Mr. John E. Howe
Thomas R. Tunis, Media, Pa.	Kirk & Sellers
J. Rufus Eastlack, Camden, N. J.	A. J. Boyden
Mr. Osterweis' House, New Haven, Conn	Wm. Paul Gerhard, C. E.
Long Island State Hospital, Kings Park, N. Y.	Wm. Paul Gerhard, C. E.
Walter Geo. Smith's House, Holmesburg, Pa.	Geo. I. Lovatt
Mr. W. L. Baily, Ardmore, Pa.	Baily & Truscott
Mr. Thomas L. Harrison, Pomfret, Conn.	Guy King
Mr. E. C. Benedict, Greenwich, Conn	Carere & Hastings
Mr. John B. Stetson's Hotel, Deland, Fla.	Geo. T. Pearson
Collins State Hospital, Buffalo, N. Y.	Wm. Paul Gerhard, C. E.

(See Opposite Page)

THE HYDRAULIC SPECIALTY CO., 427 Walnut St., Philadelphia

BATH ROOM IN RESIDENCE OF WM. H. CONYNGHAM, WILKES-BARRE, PA.

CHARLES ALLING GIFFORD, Architect. GORMAN & MILLETT, Plumbing Contractors WM. PAUL GERHARD, C. E.

ALL BATH ROOMS IN THIS HOUSE CONTAIN
PLUMBING FIXTURES FROM THE

Hydraulic Specialty Company

PHILADELPHIA

SEE OPPOSITE PAGE

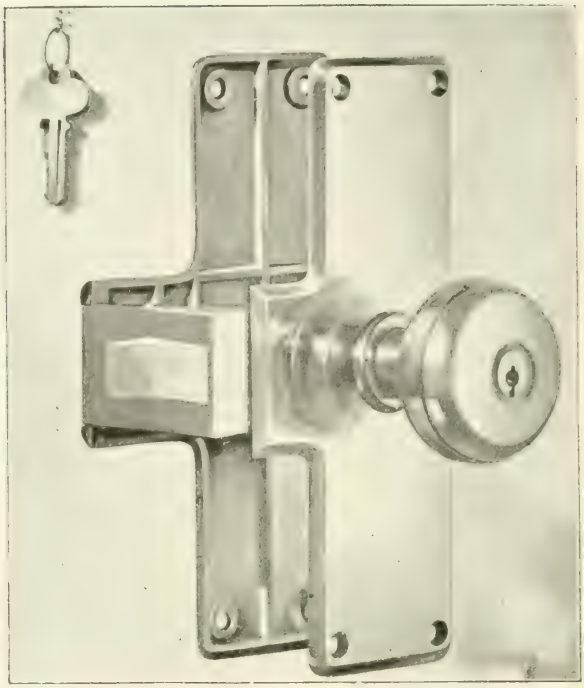
The "Corbin" Lock

Adjustable to any Thickness

Easily Reversible

Each Set a Unit

Ball-Bearing Pin Tumblers



Simple Strong Secure

Unlimited number of Changes

Master Keyed and GRAND Master Keyed

Possesses all the functions of the ordinary Cylinder Locks, together with many advantages peculiar to itself.

Made in forms adapted for all kinds of doors.

Used on several of the latest Office Buildings through the country

Conceeded to be the most wonderful as well as the most meritorious piece of lock mechanism that the age has produced.

Received the Highest Award at the recent Exposition.

For sale by all hardware dealers.

P. & F. CORBIN

New York *Philadelphia* *Chicago*

PARK ROW BUILDING, NEW YORK CITY

"The Greatest Office Building in the World"

Trimmed Throughout with Corbin Hardware

Contains over 1000 Corbin Door Checks and Springs

THE ARCHITECT OR ENGINEER

who fails to investigate claims to surpassing merit made by any apparatus entering into his work, constantly runs the risk of remaining ignorant of something he would most gladly know of. The

"WEBSTER SYSTEM"
OF LOW PRESSURE STEAM HEATING

lays claim to an efficiency and economy which, if vindicated, constitute that system a class by itself. If the steam heating of a large and important building is a problem you must shortly solve, we shall be pleased to have you write us.

WARREN WEBSTER & CO.
CAMDEN, N. J.

THE "WEBSTER" FEED WATER HEATER AND PURIFIER

By the sheer force of surpassing excellence—the Webster Feed Water Heater and Purifier has long been at the front. Its efficiency and economy have anchored it there—firm and fast.

WARREN WEBSTER & CO.

SOME MODERN BUILDINGS HEATED BY THE "WEBSTER" SYSTEM OF STEAM HEATING
PHILA PA.
CARNEGIE
PALMER HOUSE
CHICAGO.
FATLAND PA
BRILL CAR WORKS
BELL TELEPHONE
PHILADA PA
LORDS COURT.
NEW YORK.
HOTEL TOURAINE
BOSTON
OFFICES
322 BROADWAY N.Y.
1509 MONADNOCK BLDG. CHICAGO.
WARREN WEBSTER & CO.
CAMDEN, N.J.
SEND FOR EXPLANATORY CATALOGUE
OFFICES
1105 STEPHENS RAND BLDG. PHILA.
729 TREMONT BLD. BOSTON

Berry Brothers Limited

Makers of

Varnish

for every use under the SUN

White, Light and Walnut
Hard Oil Finish

Spar Varnish (for outside work)
Elastic Interior
Elastic Outside
Liquid Granite (for Floors)

Factory
Detroit, Mich.

Berry Brothers' Varnishes were during the past year selected for the finishing of two of the finest buildings in the World, one the Stephen Girard Building, Philadelphia (picture opposite), and the other the Astoria Hotel, New York.

Philadelphia Branch

26 and 28 N. Fourth Street

Some buildings on which Berry Brothers' Varnishes have been used

Special attention given to goods for
HOTELS and PUBLIC BUILDINGS

Standard Manufacturing Company

Pittsburgh, Pa.

Manufacturers of

Porcelain Enameled Baths and Plumbing Goods

Branches

PHILADELPHIA, 18 South Seventh Street
NEW YORK, 81 Fulton Street
BUFFALO, Court and Franklin Streets
CLEVELAND, 429 Arcade
CHICAGO, 109 South Jefferson Street
MONTREAL, 10 St. John Street

HOTEL SCHENLEY, PITTSBURGH

RUTAN & RUSSELL, Architects

Furnished throughout with "STANDARD" Porcelain Enameled Baths and Plumbing Goods

Interlocking Rubber Tiling

THE MODERN COVERING FOR EVERY FLOOR. It should be used in Hospitals, Halls, Stairways, Bathrooms, Elevators, Boats, R. R. Stations, Corridors, R. R. Cars, because it is artistic, healthful, water-proof noiseless, warm, non-slipping, elastic. This Tiling will last a lifetime, and is made in solid colors admitting of very artistic effects, and will not show wear. Any tile becoming damaged by accident can be removed and a new one put in its place without damaging or disturbing the other tile. A few places where this INTERLOCKING RUBBER TILING is in use:

BUILDINGS AND OFFICES

Empire Building, N. Y. City, Main corridor and elevators. (7000 sq. ft.)
Commercial Cable Co. Bldg., N. Y. City, Main office. (12000 sq. ft.)
Western Electric Co. Bldgs., N. Y. and Chicago. (6700 sq. ft.)
Siegel, Cooper & Co., "The Big Store," N. Y. City.
Gorham Mfg. Co., Providence, R. I.
Germania Fire Ins. Co., N. Y. City, President's office.
B'klyn Wharf & Warehouse Co., N. Y. City, Main office.
Offices of Am. & Red Star Line, N. Y. City (3000 sq. ft.).
Offices of Messrs. Flower & Co., N. Y. City.
Pabst Brewing Co., Milwaukee, Wis., Racking cellar.
Bell Telephone Company, New Orleans, La.
Trinity Church, Hartford, Conn., Vestibule.
Edison Electric Co., New Orleans, La.
International Correspondence Schools, Scranton, Pa., Banking-room.
Claus Spreckels' Bldg., San Francisco, Cal.
Plunger Elevator Co., Worcester, Mass.
Franklin Bldg., Phila., Pa., Two elevators.
Fidelity Bldg., " "
Provident Bldg., " " and main floor.
Borie Bldg., " "
Brown Bros. Bldg., " "
Bornot Bldg., " "
Witherspoon Bldg., " "

HOTELS

Waldorf-Astoria, N. Y. City.
Imperial, "
Manhattan, "
Grand Union, "
Young's Hotel, Boston, Mass.
Lafayette Hotel, Philadelphia.
Walton Hotel, Philadelphia.
Everett House, Washington, D. C.
Hotel Raleigh, Washington, D. C.

GOVERNMENT BUILDINGS AND SCHOOLS

U. S. Capitol Building, Washington, D. C.
State Capitol, Harrisburg, Pa., Senate Chamber, Bathroom, Stairway.
City Hall, Philadelphia, Pa.
Court House, Baltimore, Md.
State College, Gettysburg, Pa.
N. Y. State Capitol, Albany, N. Y., Insurance Dept.
Museum of Natural History, N. Y. (2500 sq. ft.)
Boys' High School, Philadelphia, Pa. (30,000 sq. ft.).
St. Agnes Parochial School, Brooklyn, N. Y. (5000 sq. ft.).
West Point Military Academy, West Point, N. Y.

BANKING INSTITUTIONS

Germania Savings Bank, N. Y. City, Elevators.
Greenwich Savings Bank, N. Y. City, Banking-room (1800 sq. ft.).
Brooklyn Trust Co. (10000 sq. ft.).
Western National Bank, N. Y. City, Cashier's office.
N. Y. National Exchange Bank, N. Y., Cashier's office.
Merchants' National Bank, Poughkeepsie, N. Y., Lobby and Vestibule.
First National Bank, N. Y. City, Cashier's office.
National B'way Bank, N. Y. City, President's office.
Phila. Savings Fund Society, Phila., Pa. (3000 sq. ft.).
Fourth National Bank, Philadelphia, Pa.
Philadelphia Bank, Philadelphia, Pa.
West Phila. Title & Trust Co., Vault.
Land Title & Trust Co., Phila., Pa., Vault.
Baltimore Safe Deposit & Trust Co., Baltimore, Md.

HOSPITALS, ETC.

Utica State Hospital, Utica, N. Y.
The Brooklyn City Hospital, Brooklyn, N. Y.
Hospital Ship "Relief."
Hospital Ship "Solace."
St. Helena Sanitarium, San Francisco, Cal.
Dr. Thomas, Philadelphia, Pa., Operating-room.
Dr. Brown, Syracuse, N. Y.

RAILROADS

Pullman Palace Car Co.
Wagner Palace Car Co.
B. & O. R. R. Dining-cars.
Lehigh Valley R. R., Easton, Pa., "Black Diamond Exp."
Chesapeake & Ohio R. R. Station, Roanoke, Va.
Manhattan Elevated Ry. Co., N. Y. City.
Grand Central Station, N. Y. (3000 sq. ft.).
Penn. R. R. Co., Dining and observation cars, Stair-landings, Ladies' Waiting-rooms, Retiring-rooms, Elevators, etc., etc.

STEAMSHIPS AND PRIVATE YACHTS

U. S. Navy—Newport News, Va.
Battleships—"Illinois," "Kearsarge," "Kentucky."
Cruisers—"Dixie," "Yosemite," "Chicago," "Topeka."
Gunboats—"Helena," "Wilmington," "Nashville."
Hospital Ships—"Relief" and "Solace."
Transports—"Logan" and "Thomas."
Pennsylvania R. R. Co., Ferryboats—"New Brunswick," "Chicago," "St. Louis," "Pennsylvania," "New Jersey," "Pittsburg" (over 70,000 sq. ft.).
Old Dominion Line—"Princess Anne," "Hamilton," "Jefferson."
American Line—"St. Louis," "St. Paul," "New York," "Paris" (20,000 sq. ft.).
Baltimore Steam Packet Co.—"Tennessee."
Cape Charles Route—"Cape Charles."
Fall River Line—"Priscilla."
N. Y. & Cuba Mail S. S. Co.—"Havana," "Mexico" (4000 sq. ft.).
Plant System.
Governor's Island Ferryboat, "General Hancock."
Pilot Boat, "New York."
Mr. Vanderbilt's Yacht, "Conqueror."
Howard Gould, Yacht "Niagara."
P. A. B. Widener, Yacht "Josephine."
C. A. Griscom, Phila., Pa., Yacht "Albert."
John T. Williams, Yacht "Embla."
Howard C. Smith, Yacht "Halycon."
Isaac Stern, Yacht.

PRIVATE RESIDENCES AND APARTMENT HOUSES

Dr. Seward Webb, Shelburn Farms, Vt., Halls and passageways.
F. G. Bourne, Pres. Singer Mfg. Co., Bath-rooms, Kitchen, Pantry.
Richard M. Hoe, N. Y. City, Kitchen, Bath-rooms, etc.
Mr. Sloane's residence, Fifth Ave., N. Y. City, Pantries.
Grant B. Schley, Fifth Ave., N. Y. City, Bathrooms, Kitchens, etc.
J. C. Fargo, Wells-Fargo Express Co., N. Y., Bathrooms.
John R. Thomas, Architect, N. Y. City, Bath-room and Elevator.
Mrs. S. H. St. John, N. Y. City, Bathroom.
J. A. Bodine, Camden, N. J., Bathroom.
A. O. Deshong, Chester, Pa., Hallway.
Geo. R. Howe, East Orange, N. J., Bathroom.
Richard Binder, Phila., Pa., Landing.
Mrs. Lemuel E. Wells, Spring Lake Beach, N. J., Pantries.
Walter Jennings, Cold Spring Harbor, L. I., Country dwelling.
J. F. Kidder, Grass Valley, Cal., Bathrooms.
Antoine Borel, Neuchatel, Switzerland.
"Cortlandt" Apartment-house, N. Y. City.
"Clinton" " "
"Nevada" " "
"Martinique" " "
"Rutland" " "

BRANCH STORES:

Boston, 24 Summer St.
Indianapolis, 229 S. Meriden St.
St. Louis, 411 N. 3d St.
New York, 38 Park Row
Baltimore, 12 N. Charles St.
Chicago, 150 Lake St.
San Francisco, 509-11 Market St.
A. L. Gibson, 29 John St., Adelphi, London, W. C. Eng.

MANUFACTURED BY

New York Belting & Packing Co., Ltd.

Philadelphia Office, 308 CHESTNUT ST.

MAIN CORRIDOR, EMPIRE BUILDING, NEW YORK
(OVER 40,000 PEOPLE PASS THROUGH THIS CORRIDOR DAILY)

Floor covered with INTERLOCKING RUBBER TILING

Made by the NEW YORK BELTING & PACKING CO., Ltd.
308 Chestnut Street, Philadelphia, Pa.

THE KEYSTONE PLASTER COMPANY

are Manufacturers of

VICTOR and ADAMANT

WALL PLASTERS ∵ ∵

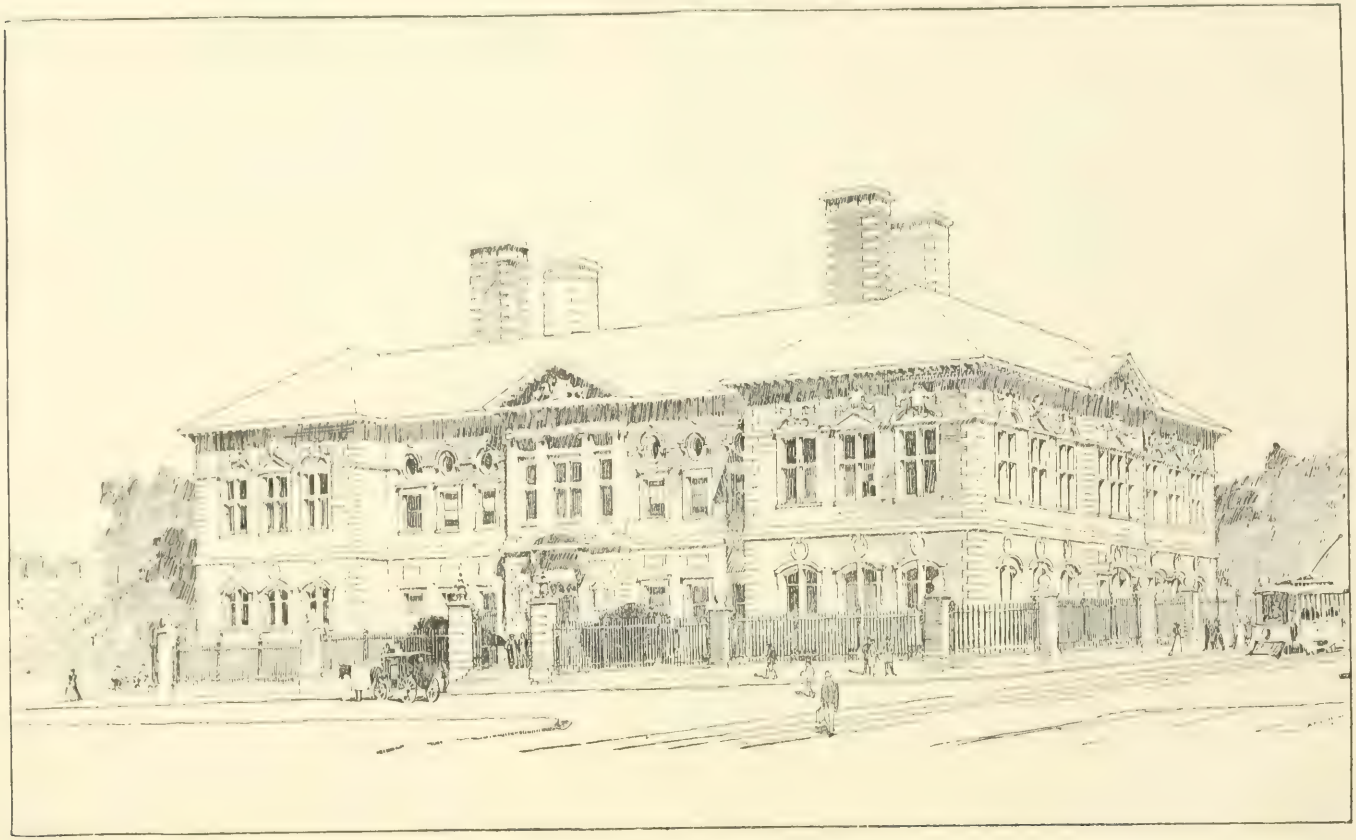
AND

KEYSTONE CALCINED PLASTER

Philadelphia's Finest Buildings testify
to the value of these products

Mill
FOOT OF JEFFRIES ST.
Chester, Pa.

Office
16 SOUTH BROAD ST.
Philadelphia, Pa.



LAW SCHOOL, UNIVERSITY OF PA.

COPE & STEWARDSON, Architects

Plastered throughout with Adamant
Manufactured by the Keystone Plaster Co.

NO MORE OVERHEAD TANKS

Kenney Flushometer

If you are in need of a first class water closet come and see the **Flushometer**
WILL NOT GET OUT OF ORDER
looks better and is far more sanitary than separate tank closet

No ball cocks to get out of order
No flush pipes
No chain to pull
No cup leathers
No couplings
No springs
No air space
No disease breeding slimy bottom tanks
Length of flush can be adjusted
Amount of water can be regulated
Does away with the hissing and rushing of water, and is by far the most NOISELESS system on the market

HAINES JONES & CADBURY CO.

1423 Chestnut St.
1136-44 Ridge Ave.
PHILADELPHIA
PENNA.

The Leading Architects and Engineers of the Country are showing their approval of the Kenney Flushometer by using same . . . . . .

in the operations which they control and a partial list of these parties is presented below

NEW YORK CITY

George B. Post	Vincent Building, New York City
	Williamson Building, Cleveland, Ohio
Clinton & Russell	Hudson Building, New York City
	American Exchange
	National Bank, New York City
	Battery Park Building, New York City
McKim, Mead & White	Rhode Island State Capitol
Babb, Cook & Willard	Private Residences
W. & G. Audsley	Bowling Green Building
Earnest Flagg	Bourne Building, New York City
J. B. McElfatrick & Sons	Several theatres in course of construction
Kimball & Thompson	Standard Oil Building, New York City

PHILADELPHIA, PENNA.

W. L. Price & Bro.	Hotel Traymore at Atlantic City
W. L. Price & Bro.	Alan Reed Residence
Seymour Davis	Flanders Hotel
Cope & Stewardson	Law School, University of Pennsylvania
Furness & Evans	West End Title and Trust Building
Keen & Mead	Children's Homeopathic Hospital
J. T. Windrim & Son	St. Joseph's Orphanage
Addison Hutton	Blank's Restaurant
Addison Hutton	Mr. Fletcher's Residence
Addison Hutton	Bonschur & Holmes Building
Addison Hutton	Blairstown Academy
Frank R. Watson	St. John's Rectory

FOR CONTINUATION OF THIS LIST SEE PAGE 209

HAINES JONES & CADBURY CO.

1423 Chestnut Street
1136-44 Ridge Avenue
PHILADELPHIA

THE FOLLOWING IS A CONTINUATION OF THE PARTIAL LIST OF FLUSHOMETER INSTALLMENTS

Convent at West Chester	Frank R. Watson
Wm. T. B. Roberts' Private Residence	Keen & Mead
W. F. Tauble's Residence	Stearns & Castor
Phœnixville Hospital	Baker & Dallett
Apartment House at 12th and Spruce Sts.	Yarnall & Goforth
Alba Johnson Residence	Thos. P. Lonsdale
Oliver Grimshaw Residence	Okie, Duhring & Ziegler
Haverford College	Haverford, Pa.
Swarthmore College Gymnasium	Bunting & Shrigley
Public Comfort House at Germantown	Hazlehurst & Huckle
(City of Phila.) Manayunk Bath House	Frank G. Caldwell
Residences at Torresdale	Thos. Dolan
Jas. McKee, Residence	Schermerhorn & Reinhold
Atlantic City Boat Club House	Atlantic City, N. J.
Hotel Haddon Hall	Addison Hutton
Hotel Chalfonte	Walter Smedley
Hotel Seaside (now being installed)	Harold Adams
New York Ship Building Co. Works	Camden, N. J.
Friends' Meeting House	Germantown
Forest Glen Institute	Forest Glen, Md.
Old Woman's Home, West Philadelphia	Walter Smedley
Alexander Johnson, residence	Newtown Square
J. Elwood Lee, factory	Conshohocken, Pa.
W. H. Morris, residence	Villa Nova, Pa.
Paul Thompson, residence	De Lancey Place
Clark Dillenbeck, residence	Chestnut Hill
Residence at Ogontz Park	A. E. Yarnall
Jas. Ryan, residence	West Philadelphia
C. W. Borton, residence	W. L. Price & Bro., Moorestown, N. J.
Thos. Sinnickson, residence	Salem, N. J.
Chas. W. Bailey, residence	Newport, R. I.
Pierre Lorillard, residence	Jobstown, N. J.
Frank Mauran, residence	Strafford, Pa.
W. M. B. Paxson, residence	Devon, Pa.
W. H. Peters, residence	J. L. Heacock
J. L. Johnson, residence	Haverford, Pa.
Owen Osborne, residence, Oak Lane	J. B. Colesberry
T. H. Asbury, residence at Oak Lane	J. B. Colesberry
John Hampton Barnes, residence	Paoli, Pa.
T. W. Maris, residence	Beverly, N. J.
T. W. Marshall, residence	West Chester, Pa.
Alfred Reeves, residence	Atlantic City
H. B. Plummer, residence at Upsal, Pa.	Okie, Durhing & Ziegler
J. K. Bougher, residence	1823 North Broad Street
Lloyd Bailey, residence	Manayunk, Philadelphia
Jos. Bosler, residence at Ogontz, Pa.	Ogontz, Pa.
Jas. A. Bonsack, residence	1721 Pine Street
F. T. Chandler, residence	Lansdowne, Pa.
Wm. G. Cochran, residence	2006 Walnut Street
Miss Caswell, residence	Phoenixville
Mrs. Henry Doughten, residence	Moorestown, N. J.
Jno. Devlin, residence	1008 South Forty-sixth Street
Jesse Darlington, residence	Darlington, Pa.
Wm. Doughten, residence	1816 Wallace Street.
Court House, Charleston	South Carolina
Heo. E. Hoffman, residence	Roxborough
Geo. E. Lucas, residence	1629 North Nineteenth Street
John F. Lewis, residence	Zermatt, Pa.
Frank McManus, residence, Chelsea	S. H. Vaughn
Pennsylvania Training School	Elwin, Pa.
T. A. Reilly, residence	1804 Rittenhouse Square
E. T. Stotesbury, residence	Twentieth and Walnut Streets

Do You Contemplate Building or Remodelling Your Bath Room?

If so, come and see us, and we will help you with suggestions.

Our
"FLUSHOMETER"
WATER CLOSET
which does away with the noisy, dirty and unsanitary overhead tanks, is the handsomest and latest method of operating and flushing water closets.

Haines, Jones & Cadbury Co.

NEW YORK OFFICE:
The Kenney Company, 72 Trinity Place

1136 Ridge Avenue, Philadelphia

FLANDERS' HOTEL
Equipped with 42 Kenney Flushometers

Our "HAJOCA" basin and "LUXURIA" tub will also interest you, as they contain the greatest and latest improvements in their respective lines.

TRANSPORT THOMAS
Equipped with 77 Kenney Flushometers

Haines, Jones & Cadbury Company

1423 Chestnut St.

1136-44 Ridge Ave.

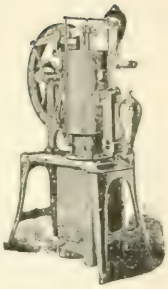
HOTEL CHALFONTE, ATLANTIC CITY, N. J.
Addition Equipped with Kenney Flushometers

DOMESTIC WATER SUPPLY

This vexatious question may be easily, cheaply and satisfactorily settled by using THE IMPROVED RIDER or THE IMPROVED ERICSSON HOT AIR PUMPING ENGINE. If a record of good performance for twenty-five years is of value our catalogue will be interesting reading, and we invite all interested to send to our nearest office for Catalogue "A 15."

RIDER-ERICSSON ENGINE CO.

22 Cortlandt St., New York — 86 Lake St., Chicago
230 Franklin St., Boston — 40 N. Seventh St., Philadelphia
692 Craig St., Montreal, P. Q. — 22A Pitt St., Sydney, N. S. W.
Teniente-rey 71, Havana, Cuba



NAZARETH PORTLAND CEMENT CO. — CHARLES WARNER COMPANY, SALES AGENT — NAZARETH PORTLAND CEMENT — WORKS NAZARETH, PENNA.

HIGHEST GRADE

Portland Cement

Guaranteed equal to any imported Cement

In the manufacture of NAZARETH CEMENT both the *raw materials* and the *calcined product are ground especially fine.* Thus perfect burning and uniformity, as well as high sand-carrying capacity are insured. Many government and other tests are our certificates that architects and engineers specifying NAZARETH will secure absolutely First Quality Cement

Ivory Wall Plaster

Ivory is a hard wall plaster containing positively *no ground lime or animal matter.* Therefore it *cannot "pimple" or stain* on the wall. It attains the greatest hardness and yet does not warp and twist the lath.

CHARLES WARNER COMPANY
New York — Wilmington — Philadelphia

Drawings Made With

HIGHERS' AMERICAN DRAWING INKS

(Blacks and Colors)

Have an excellence peculiarly their own. The best results are only produced by the best methods and means – the best results in Drafting, both mechanical and artistic, can only be attained by using the best Drawing Inks—

HIGGINS' DRAWING INKS

(Send for color card showing actual inks

At Dealers in Artists' Materials and Stationery

Bottles prepaid by mail, 35 cents each, or circulars free from

Chas. M. Higgins & Co., Mfrs.

168 Eighth St., Brooklyn, N. Y., U. S. A.

London Office, 106 Charing Cross Road

WILLIAM PURLING & CO.

Nos. 928 & 930 Gallowhill St.
PHILADELPHIA

Manufacturers of

Ornamental Iron Work

Iron Railings, plain and ornamental, Door Grilles, Window Guards, Entrance Gates, Gratings, Fire Escapes, Columns Girders and Builders' Iron Work

Estimates and Designs furnished At short notice

IRA L. CONKLING, Pres.
EDWD. N. CONKLING, Vice-Pres.

THOS. F. ARMSTRONG, Sec'y and Treas.
SAM'L O. CONKLING, Supt.

CONKLING-ARMSTRONG TERRA COTTA CO.

MANUFACTURERS OF

ARCHITECTURAL TERRA COTTA

WORKS
Wissahickon Ave. and Juniata St.
PHILADELPHIA

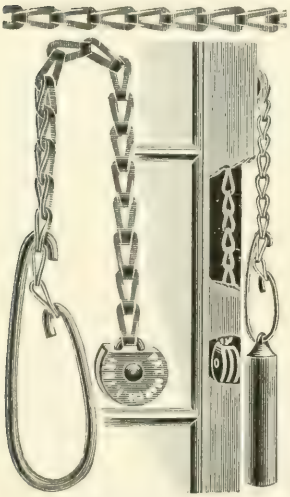
OFFICES
Builders' Exchange, Philadelphia
156 Fifth Avenue, New York

The Kelsey Warm Air Generator

Commands special attention as the highest type of heating apparatus. All the good points and none of the defects of others. Simpler and easier of management, more perfect than steam or hot water. No radiators required, can be connected with your present system of flues and registers. Takes the place of 2 or 3 hot air heaters. 12,000 satisfied users.

The Makin-Kelsey Heating and Manufacturing Co.

1717 CHESTNUT STREET
PHILADELPHIA, PA.



We are the ORIGINAL MANUFACTURERS of sheet metal Sash Chains. The SUPERIOR QUALITY of our product is attested by its use in the GREAT MAJORITY of PUBLIC BUILDINGS throughout the United States, including Government Buildings generally, as well as the better class of PRIVATE RESIDENCES.

The Smith & Egge Manufacturing Co.

BRIDGEPORT, CONN.

MANUFACTURERS OF

"Giant" and "Red Bronze" Sash Chains, Copper and Steel Cable Chains, Sash Pulleys and Fastenings, and Plumbers' Goods.

Address THE SMITH & EGGE MANUFACTURING CO.
BRIDGEPORT, CONN.

WM. E. TRULL, Agent — 13 N. 6th Street, Philadelphia, Pa.

The David B. Crockett Company

Office and Factory
BRIDGEPORT, CONN.
U. S. A.

Makers of

FINE VARNISH

DAVID B. CROCKETT'S SPECIALTIES

Nos. 1 and 2 Preservatives

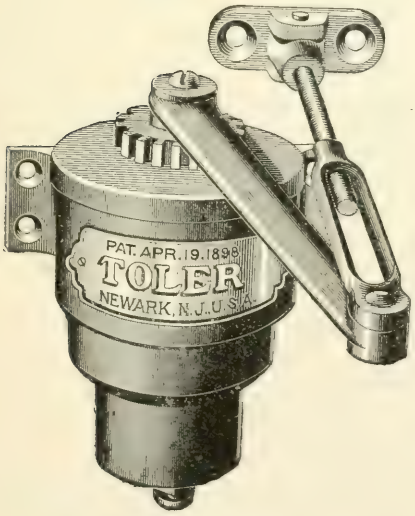
For preserving and finishing woods of all kinds in their natural color and beauty.

Spar Composition

A tough, elastic coating for all wood or iron work exposed to the extremes of weather.

As a finish on all exterior parts of steamships, yachts, canoes, and vessels of all kinds, will wear longer than the best English or other varnishes.

As a finish on outside and vestibule doors, **Window Casings,** or any **Exposed Parts of Edifices** will outwear any other material.



THE TOLER

LIQUID DOOR CHECK AND SPRING

Effective in action, durable, and simple in construction

The Spring that Does Not Leak

We guarantee the foregoing

Manufactured by

J. TOLER, SONS & CO., Newark, N. J., U. S. A.

"MONARCH" Sash Chain is Best

Proof: The awarding judges at the World's Columbian Exposition attested to the following:

"The 'MONARCH' CHAINS are flattened on the bend of the link, making them stronger than ordinary chains, and enabling them to run more freely over the pulley."

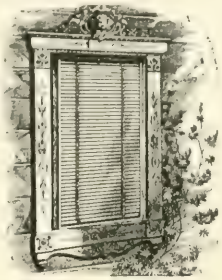
This chain is made from a special bronze mixture, and its uniformity is guaranteed. We carry a large stock and thus insure prompt shipments. Samples will be sent upon receipt of request.

THE BRIDGEPORT CHAIN CO., Manufacturers

BRIDGEPORT, CONN., U. S. A.

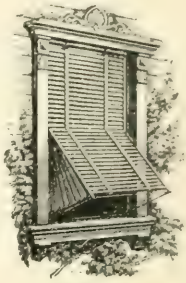
Direct Representative, N. A. PETRY, N. E. Cor. 4th and Market Sts., Philadelphia

Inside View.



Blind Down, Slats Closed.

Blind Pulled Up.



Outside View.

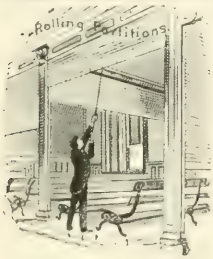
Wilson's New Outside Venetian

Blind and Awning Combined. Best style ever introduced. Can be extended as an awning. Slats open and close. Admits air, excludes sun. Blind pulls up and sides fold in compactly. Bronze Metal Tapes and Cords. Non-corroding. Everlasting.

Wilson's Blinds have been furnished to the houses of Charles Lanier, Esq.; William Rockefeller, Esq.; Anson Phelps Stokes, Esq.; J. P. Morgan, Esq.; Morris K. Jesup, Esq.; and many others.

Patentee and Sole Manufacturer **JAS. GODFREY WILSON, S. E. Corner 23d St. and 6th Ave., New York.** *Illustrated Leaflet on Request.*

Also ROLLING PARTITIONS for CHURCHES and SCHOOLS; BURGLAR and FIREPROOF ROLLING STEEL SHUTTERS for DWELLINGS, OFFICE BUILDINGS, and WAREHOUSES; VENETIAN BLINDS of EVERY DESCRIPTION; WIRE WINDOW SCREENS; HYGIENIC WARDROBES, Etc., Etc.



Wilson's Rolling Partitions.

Wilson's Piazza Blinds.

Wire Window Screen.

Rolling Steel Shutters.

Medal Awarded
Chicago, 1893

A. W. Faber's Trade-Mark consisting of the name A. W. FABER, or initials A. W. F., is registered in the United States of America.

INKS

..AND..

COLORS

See that all goods are initialed "A. W." before the name of "FABER."

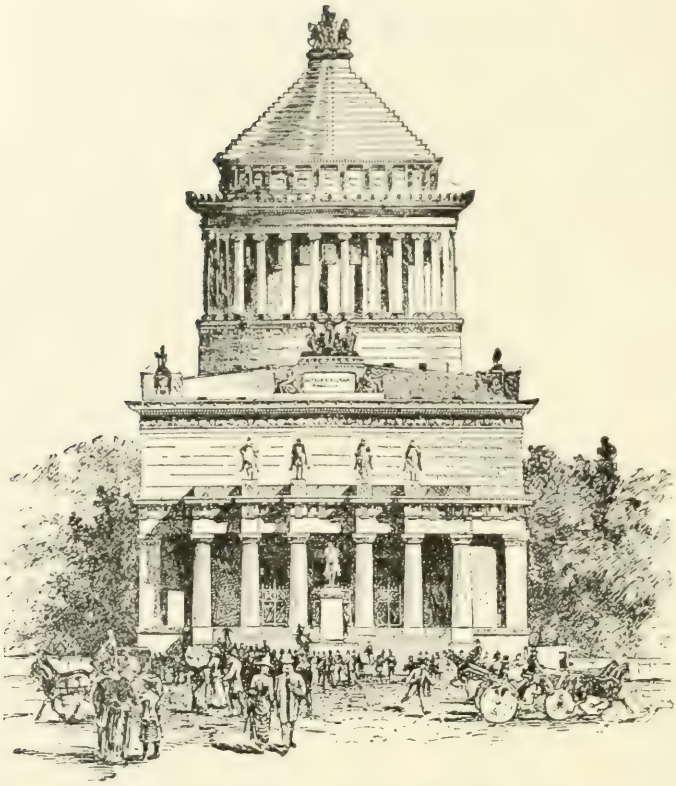
A. W. FABER'S

Erasive Rubber and Bands

SOLD BY ALL DEALERS

A. W. FABER'S CALCULATING RULE

(COPYRIGHTED BY THE GRANT MONUMENT ASSOCIATION)



TOMB of Gen'l. GRANT
RIVERSIDE PARK. NEW YORK

. . . ERECTED BY THE . . .

Maine and New Hampshire Granite Company.

Building and Monumental Work

from

White, Red and Green Granite

Owners of the highly celebrated North Jay Quarries from which the Granite of General Grant's Tomb, Riverside Park, New York, was furnished.

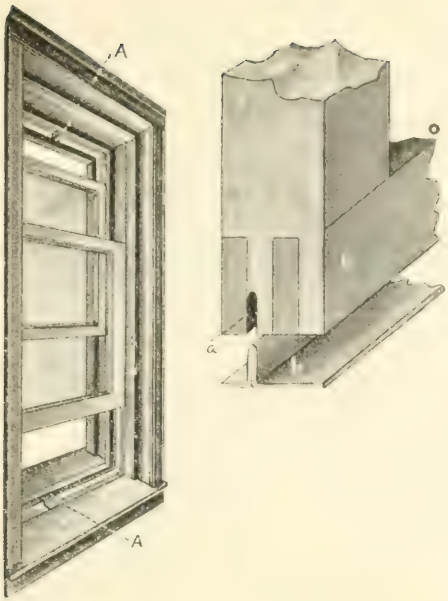
GENERAL OFFICES, PORTLAND, MAINE

BRANCH OFFICES

New York City, N. Y.
Pittsburgh, Pa.

Philadelphia, Pa.
Baltimore, Md.
Boston, Mass.

Chicago, Ill.
Louisville, Ky.



Chamberlain's

METAL
WEATHER STRIP
Patented

For All Sliding Windows

Keeps Cold and Dust Out
Saves Fuel
Prevents Windows from Rattling
Is Indestructible

B. F. CROWE, Sole Agent

625 Walnut Street, Philadelphia

A A.—Metal Strip as placed in Window Frame.
a.—Sash grooved for Strip.
b.—Metal Weather Strip.

THE PERFECTION VENTILATOR

Is Efficient
Strong
Durable
Storm-proof and
Handsome

For Churches
Schools
Public Buildings
Factories
Foundries
Cars
Ships, etc.

PRICE INTERESTING

There is NONE BETTER

Made by BERGER BROS. CO.
Tinners' and Roofers' Supplies

231 and 237 Arch Street
PHILADELPHIA

Have You the Courage To Send for Samples?

We claim that the simplest, easiest, quickest, and best finish for Hardwood Floors and Trim is

Old English Floor Wax

We will back up our claim by sending samples and specifications, free, upon receipt of request and particulars regarding work to be finished.

For Dancing Floors use B. B. Powdered Wax
"Waxed Floors," a booklet, tells how to treat hardwood floors. Free.

BARRON, BOYLE & CO., Cincinnati, O.
Samuel H. French & Co., Phila. Distributors

SOUTH TERMINAL STATION, BOSTON.
SHEPLEY, RUTAN & COOLIDGE, ARCH'S.
H. B. FRANCIS, ENGINEER.

There are over **268,000 square feet** of **Warren's Anchor Brand Natural Asphalt Roofing** on the roof of the train shed of this station.

The **Anchor Brand Roof** is recognized as the **standard Asphalt Roof** of America.

WARREN CHEMICAL & M'F'G CO.,
81 & 83 Fulton Street, New York.
12 Pearl Street, Boston.

COTTAGE AT EAST ISLAND, GA.
LINDLEY JOHNSON, ARCHITECT, PHILADELPHIA

Cabot's Creosote Shingle Stains

The Original Shingle Stains, and the Standards of Shingle Stain excellence.

Cabot's Sheathing and Deafening "Quilt"

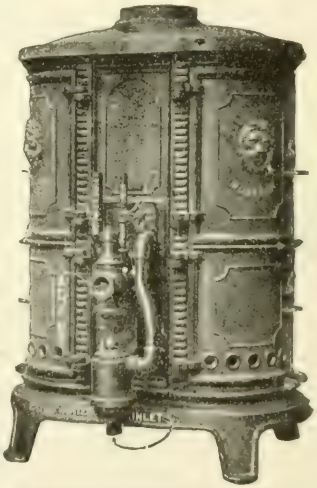
Heat, Sound, Decay and Vermin Proof. The most perfect insulator and deadener in the market. A scientific, not a haphazard, article.

Samples and full particulars on request

Samuel Cabot, Sole Manfr., Boston, Mass.
Samuel H. French & Co., Agents, Phila.

"MONARCH"

Positively the Best Water Heater on the Market—
Has no Equal
Continuous Flow Without Storage



Hot Water the coldest days in Winter in **30 seconds.** Supplies all Hot Water Faucets throughout the building. The Gas burns only when water is being drawn. Hot Water day and night by opening the faucet in any part of the house.

IMPROVED MONARCH AUTOMATIC WATER HEATER

WM. A. KRAMER, Agent
Telephone 17-18 THE BOURSE
Manufactured by MONARCH WATER HEATER CO.
PITTSBURG, PA.

Patented

THE NORRIS PATENT SASH PULLEY

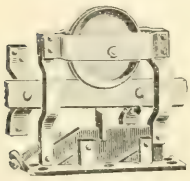
Trade Mark Registered

Norris Pulleys are the leading Sash Pulleys of the country. They are used in the majority of the principal buildings throughout the entire country. The majority of architects are acquainted with their merits, and when they **Specify the Norris Pulley**, they know if it is used that the building will have first-class Pulleys, as the **word Norris** across the face of each Pulley is **a guarantee of unexcelled workmanship.** Beware of imitations, none genuine without the word **Norris** engraved on the face of each pulley.

Write for samples of our new Ball Bearing Anti-friction Pulleys, the best Anti-friction made.

Address NORRIS SASH PULLEYS

BALTIMORE, MD.



"LANE'S BALL BEARING"

IS THE BEST

HOUSE DOOR HANGER MADE

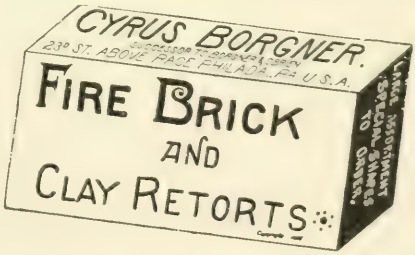
Has an ALL steel frame. Cups, Cones and Balls are of the same material, made and hardened by similar processes as best bicycle parts.

Several styles of Parlor Door Hangers. A full line of Barn Door Hangers and other goods that will interest you shown in our catalogue. Send us your name. Sold by the hardware trade.

LANE BROTHERS

Prospect and 12th Sts. POUGHKEEPSIE, N. Y.

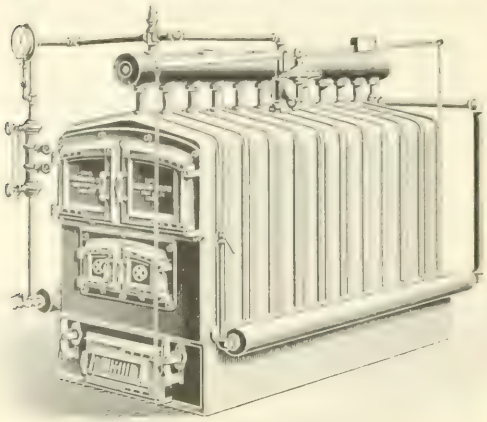
Superior Quality Prompt Delivery



Highest Award Wherever Exhibited

THE MERCER BOILER

Factories: Westfield, Mass.
Established 1853



THE MERCER for heating large residences, churches, schools, etc., by STEAM OR HOT WATER

Double Return Flues
Screw Nipple Joint Connections
Reed Rotating Grate (Interchangeable)

The Mills Safety Boiler
(Columbian Exposition Medal)

Used by
Public Schools, Philadelphia
Drexel College, 18th and Race Sts., Philadelphia
Daniel Baugh, 18th and Locust Sts., Philadelphia
W. W. Harrison, Gettysburg, Pa.
Camden Armory, Camden, N. J.

O. K. Safety Sectional Boiler
Improved with Firebrick Section

RADIATORS—Direct, Indirect and Semi-Direct. New Design of "Pin" Indirect Radiator in 12-ft., 15-ft. and 20-ft. sizes
New Pattern Wall Radiator for coming season

THE H. B. SMITH CO., 510 Arch Street, Philadelphia

W. S. BUDWORTH & SON

New York Agents for
Out-of-Town Artists and Architects

Telephone Connection

424 W. 52d St., New York

We refer you to the T Square Club

Collecting and Forwarding for Exhibitions a Specialty.

Packers, Removers and Shippers of Paintings, Bric-a-Brac, Furniture, Architects' Drawings, etc. Paintings Photographed. Pictures, etc., received, delivered to and returned from all New York City exhibitions.

STORAGE

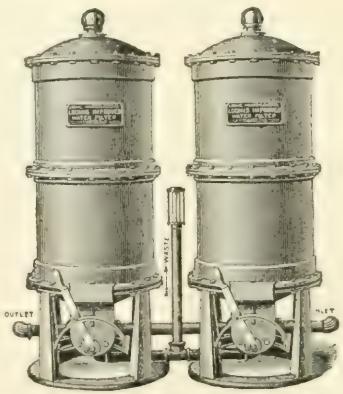
LOOMIS FILTERS

"THE ONLY FILTER THAT CAN PERFECTLY CLEANSE ITSELF"

ESTABLISHED 1880

For

Residences
Hospitals
Office Buildings
Hotels
Apartment Houses



Manufacturing Establishments
Dye Works
Mills
City and Town Water Works

LOOMIS-MANNING FILTER CO.

BRANCH OFFICES AND SALESROOMS
Boston—44 Exchange Building
Baltimore—41 N. Charles Street
New York—Havemeyer Building, 3 Church Street
Washington—620 14th Street, N. W.

MAIN OFFICE

402 CHESTNUT STREET
PHILADELPHIA, PA.

Copyright, 1899, by the J. L. Mott Iron Works. Plate 2039-R., Reduced Cut.

TO produce an artistic and pleasing Bath Room, the Sanitary Appliances should harmonize both in design and decoration. We are prepared to furnish complete outfits in any of the prevailing designs—Rococo, Renaissance, Empire, Colonial, etc. Interested parties are invited to visit our new and extensive showrooms, exhibiting the latest high-grade Sanitary Appliances. Illustrated Price Lists mailed on application.

THE J. L. MOTT IRON WORKS

New York, Boston, Chicago
St. Louis, San Francisco

1128 Walnut Street, Philadelphia, Pa.

THE ROYAL ST. LAWRENCE YACHT CLUB,
EDWARD MAXWELL, ARCHITECT, MONTREAL.

Mr. Gerald Lomer, of Montreal, says: "Your shingle stains were used on the new Royal St. Lawrence Yacht Club house with great success." From Montreal to San Francisco

DEXTER BROTHERS'

English Shingle Stains

are used on the best houses. Send for sample boards and color plates to

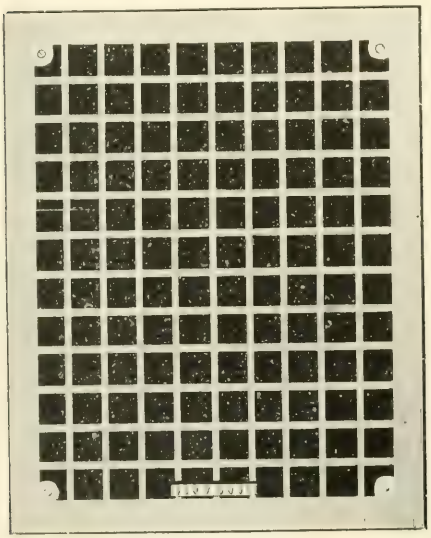
DEXTER BROTHERS, 55 & 57 Broad St., Boston, Mass.

The following firms act as our Agents: H. M. Hooker Co., 57 W. Randolph St., Chicago, Ill.; W. S. Hueston, 105 Fulton St., New York; W. W. Lawrence & Co., Pittsburgh, Pa.; Smith & Young, San Francisco, Cal.; Eric J. Mattison Co., Cleveland, Ohio.; Baker & Richards, Seattle, Wash.; Henry Senn & Co., Baltimore, Md.; Gerald Lomer, Montreal, Can.

ASHTON S. TOURISON
BUILDER AND CONTRACTOR

(MANHEIM BUILDING) City Offices: 26 AND 28 MOLE STREET
Suburban Offices: 6805-07 GERMANTOWN AVE.

THIS CATALOGUE was made at the Sign of the Ivy Leaf in Library Street Philadelphia by George H Buchanan and Company



WM. HIGHTON & SONS

MANUFACTURERS OF

HOT-AIR REGISTERS

VENTILATORS, BORDERS, Etc.

Factory:
NASHUA, N. H.

Sample Rooms and Warehouses:
96-98 North St., BOSTON, MASS.
912 Filbert St., PHILADELPHIA, PA.

A full line of sizes—finished regularly in Black and White Japan, White Enameled, Gold and Copper Bronzes, Electro-plated in Gold, Silver, Copper, Brass, Nickel, Plain or Oxidized. Dull Black, Bower, Barff. We give particular attention to special finishes to match artistic color schemes, and are second to none in this line.

We would call your attention specially to our patented Lock Register for Asylums and Public Buildings—the best, simplest and cheapest device for the purpose ever produced. Can be used on any size or pattern of our Registers.

With our patented devices, these Registers are the nearest to being air-tight of any made, work smoothly and are mechanically perfect. We would be pleased to show them to you.

YOU WILL MAKE NO MISTAKE IF YOU MENTION THESE GOODS IN YOUR SPECIFICATIONS.

Bayer, Gardner & Himes

Workers in Metal

Fine Hardware for residences
Special Hardware of every description
French Hardware
Cabinet Hardware
Bronze Railings and Gates

Memorial Tablets
Bank Enclosures in bronze brass and wrought-iron
Caps, Bases, and bronze
We pay esp

77 West Houston St.
NEW YORK

IF YO

SEND FOR SAMPLES

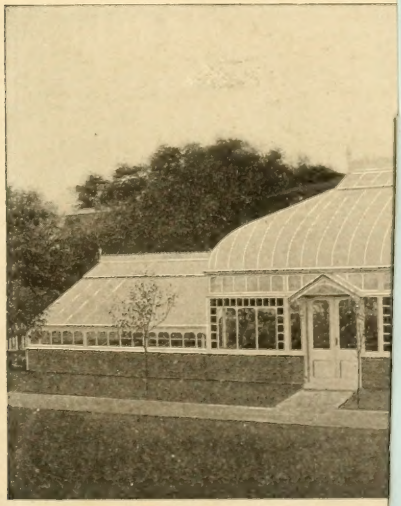
Samson

You can tell at a glance that no other
It is warranted to be of pure cotton, sn

SAMSON CORDAG
BOSTON, MA

HITCHINGS & CO.

And Designers and Manufacturers of GREENHO



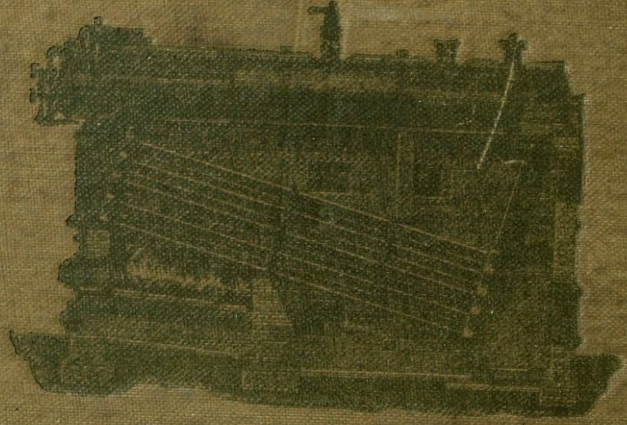
Conservatories, Greenhouses, Palm Houses, etc., erected
our patent Iron Frame Construction. Catalogues on a

P T-Square Club
Tech Exhibition catalogue
T 1899-1900
Physical &
Applied Sci.
Serials

PLEASE DO NOT REMOVE —
CARDS OR SLIPS FROM THIS POCKET

UNIVERSITY OF TORONTO LIBRARY

BABCOCK & WILCOX BOILERS



We are better prepared to meet building requirements than any other makers of boilers.

We build for all kinds of space conditions. We make a special boiler for low ceiling basements.

We will cheerfully furnish drawings for any prospective work.

Our book STEAM contains many useful tables and much general information about boilers and their operation. Send for a copy, which will be mailed free.

The Babcock & Wilcox Company

642 and 644 DREXEL BUILDING
Philadelphia, Pa.

29 CORTLANDT STREET
New York